JVC

SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-61Z786,
HD-61Z886,
HD-70G886

BASIC CHASSIS
RP3

[HD-70G886]

TABLE OF CONTENTS

1 PRECAUTION 1-3
2 SPECIFIC SERVICE INSTRUCTIONS 1-7
3 DISASSEMBLY 1-11
4 ADJUSTMENT 1-24
5 TROUBLESHOOTING 1-34

COPYRIGHT © 2005 Victor Company of Japan, Limited

No.YA247
2005/5

SPECIFICATION

Items		Contents	
		HD-61Z786 HD-61Z886	HD-70G886
Dimensions (W × H × D)		145.6cm × 104.2cm × 47cm (57-3/8" × 41-1/8" × 18-5/8")	162.6cm × 116.5cm × 51.9cm (64-1/8" × 45-7/8" × 20-1/2")
Mass		46.5 kg (103 lbs)	72 kg (159 lbs)
TV RF System (Analog / Digital)	Analog Digital	CCIR (M) ATSC terrestrial / Digital cable	
Color System (Analog)		NTSC	
Stereo System (Analog)		BTSC (Multi Channel Sound)	
Teletext System (Analog)		Closed caption (T1-T4 / CC1-CC4)	
TV Receiving Channels and Frequency (Analog)	VHF Low VHF High UHF CATV	02ch - 06ch : 54MHz - 88MHz 07ch - 13ch : 174MHz - 216MHz 14ch - 69ch : 470MHz - 806MHz 54MHz - 804MHz Low Band : 02 - 06 High Band : 07 - 13 Mid Band : 14 - 22 Super Band : 23 - 36 Hyper Band : 37 - 64 Ultra Band : 65 - 94, 100 - 135 Sub Mid Band : 01, 96 - 99	
TV / CATV Total Channel		191 Channels	
Intermediate Frequency (Analog)	Video IF Sound IF	45.75 MHz 41.25 MHz (4.5MHz)	
Color Sub Carrier Frequency (Analog)		3.58 MHz	
Power Input		AC120V, 60Hz	
Power Consumption		215W	220W
Projection Source		110W High-pressure mercury lamp	
Projection Device		D-ILA device (Reflection active matrix type LCD) × 3 (R/G/B)	
Screen Size		Diagonal : 155 cm (H:135.0 cm × V : 76.0 cm)	Diagonal : 178 cm (H:155.5 cm × V : 87.2 cm)
Display Pixels		Horizontal : 1312 pixels × Vertical : 800 pixels (Effective=Horizontal :1280 pixels x Vertical :720 pixels)	
Audio Power Output		10W + 10W	
Speaker		10cm round type × 2 (Oblique corn)	
Antenna Terminal (VHF/UHF, ATSC / DIGITAL CABLE IN)		F-type connector, 75Ω unbalanced, coaxial × 2	
Video / Audio Input [INPUT-1/2/3/4]	Component Video [INPUT-1/2] 1125i / 750p 525p / 525i S-Video [INPUT-1/3/4] Video Audio	RCA pin jack × 6 Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1V (p-p), positive (Negative sync provided), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω Mini-DIN 4 pin × 3 Y: 1V (p-p), positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), positive (Negative sync provided), 75 Ω, RCA pin jack × 4 500mV (rms), high impedance, RCA pin jack × 8	
Digital Input	Video Audio	HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal) Digital: HDMI connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2	
Audio Output	 Variable Fix	RCA pin jack × 2 More than 0 to 1000mV (rms) (+2.2dBs) 500mV(rms), (-4dBs), low impedance (400Hz when modulated 100%)	
Monitor / Recording Output	S-Video Video Audio	Mini-DIN 4pin × 1 Y: 1V (p-p), 75Ω C: 0.286V(p-p) (burst signal), 75Ω 1V (p-p), 75Ω, RCA pin jack × 1 250mV(rms) (-10dBs), Fs-18dB low impedance, RCA pin jack × 2	
PC (RGB) Input		D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4kHz / Vertical : 60Hz)	
iLink Input/Output		TS In/Out (4-pin, S400) × 2, IEEE1394 compliant DTCP digital copy protection compatible	
Center Channel Input		500mV(rms) (-4dBs), high impedance,RCA pin jack × 1	
Sub Woofer Output		More than 0 to 1000mV (rms) (+2.2dBs), low impedance (80Hz when modulated 100%), RCA pin jack × 1	
Digital Audio Optical Output		Digital SPDIF × 1	
AV COMPULINK III		3.5mm mini jack × 1	
Remote Control Unit		RM-C14G (AA/R6 / UM-3 battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⊜) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) If any repair has been made to the chassis, it is recommended that the PDP POWER SUPPLY setting should be checked or adjusted.

(6) The high voltage applied to the PDP must conform with that specified in Service manual. Excessive high voltage can cause an increase in arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper components in the circuitry including the PDP must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

(8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

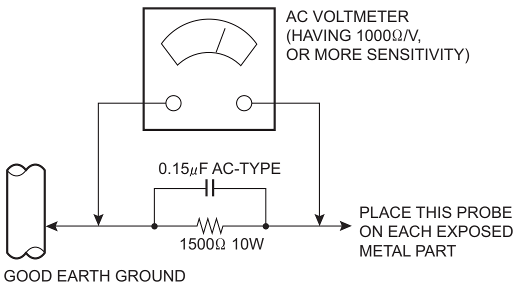
(9) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.

Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.

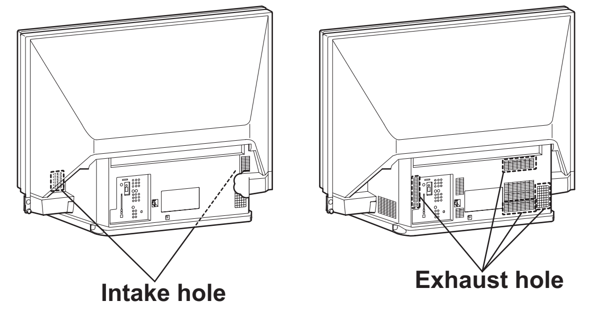

Intake hole
Exhaust hole

*Diagram differs from actual appearance.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified fingure, between the unit with and the surrounding walls, as well as the floor etc.

Install the unit on stable flooring.

Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

CAUTION FOR INSTALLATION

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.

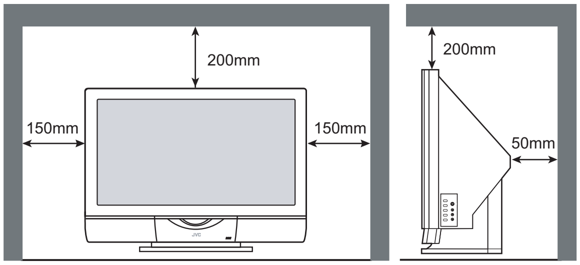
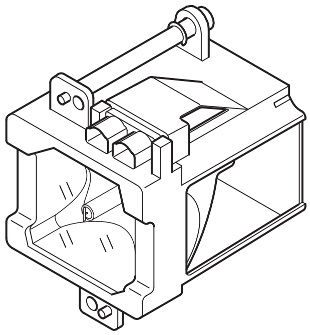

200mm
150mm
150mm
200mm
50mm

*Diagram differs from actual appearance.

1.3 LAMP UNIT HANDLING CAUTION

LAMP UNIT : TS-CL110UAA



1.3.1 PRECAUTION FOR LAMP UNIT

The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service.

Also, do not touch the lamp directly as it presents a burn hazard.

Handle with extra care. This lamp emits high heat and contains high-pressure during use.

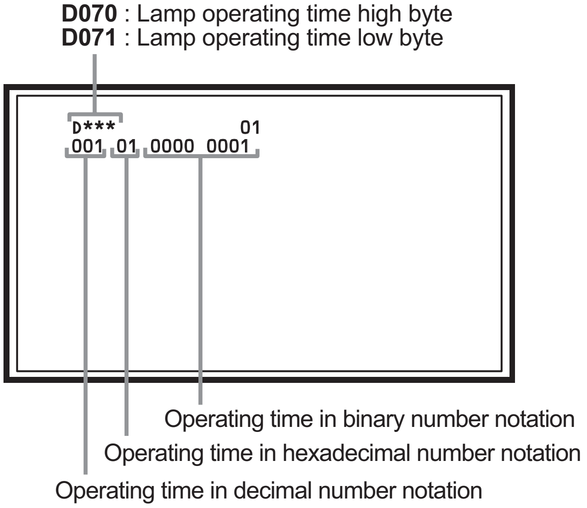
Do not give any impact as this may cause the broken lamp.

1.3.2 HOW TO CONFIRM LAMP OPERATING TIME

- MAXIMUM COUNT TIME= **65535 hours**
  1. (1) Set to **"0 minutes"** using the **[SLEEP TIMER]** key.
  2. (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
  3. (3) When the Main Menu is displayed, press **[4]** key to enter the setting display for designing.
  4. (4) Press **[CH+]** / **[CH-]** key to select the addresses (items).

NOTE:

- Confirmation of the information can be done by selecting addresses (items) below.
  Display position is in the far right side in the 2nd row from the top, as displayed below.

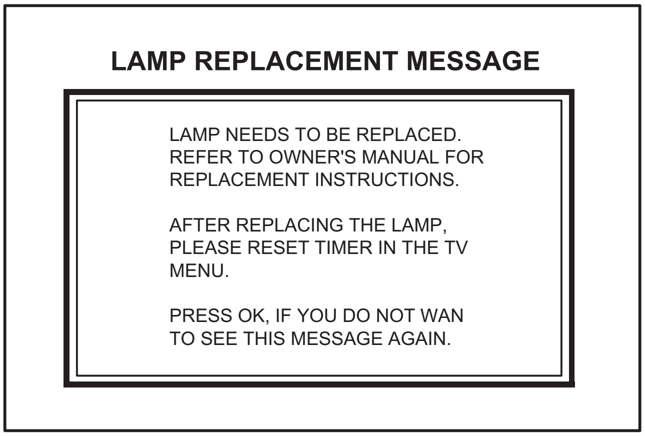

D070 : Lamp operating time high byte
D071 : Lamp operating time low byte
D*** 01
001 01 0000 0001
Operating time in binary number notation
Operating time in hexadecimal number notation
Operating time in decimal number notation

1.3.3 LAMP UNIT REPLACEMENT

(1) The lamp replacement message will appear when need to change the lamp. After replace the lamp, need to reset the timer which is built into TV.
(2) Life of the lamp unit is about **5000 hours** over. Lamp use time can be check at the lamp message MENU.
(3) If Fig.1 message appears when turn the TV on, need to replace the lamp.
(4) Use the lamp timer reset only after replacing the lamp.

NOTE:

- This message will appear every time turn on the TV, when the lamp needs to be replaced. Press the **[OK]** key to make the message disappear, or replace the lamp.



LAMP REPLACEMENT MESSAGE

LAMP NEEDS TO BE REPLACED.
REFER TO OWNER'S MANUAL FOR
REPLACEMENT INSTRUCTIONS.

AFTER REPLACING THE LAMP,
PLEASE RESET TIMER IN THE TV
MENU.

PRESS OK, IF YOU DO NOT WAN
TO SEE THIS MESSAGE AGAIN.

Fig.1

1.3.4 HOW TO REPLACE THE LAMP UNIT

- Refer to the "**USERS GUIDE**" for a detailed operating description.

(1) Turn off the TV power.
(2) Disconnect the power cord from the AC outlet.
(3) Loosen 1 screw from the rear side, then take out the the left speaker panel.
(4) Loosen 1 screw then take out the lamp cover.
(5) Loosen 2 screws then take out the lamp unit.
(6) Install the new lamp unit.
(7) Re-install the lamp cover.
(8) Re-install the left speaker panel.
(9) Re-install the screw to the rear panel.

NOTE:

- After installing the new lamp unit, do not forget to reset the lamp timer.

1.3.5 HOW TO RESET THE LAMP TIMER

- Refer to the "**USERS GUIDE**" for a detailed operating description.

(1) Press the **[MENU]** key to select CLOCK / TIMERS.
(2) Select the <LAMP TIMER RESET> with **[▲]** / **[▼]** keys.
(3) Enter the <LAMP TIMER RESET> mode the message will appears.
(4) Press the **[OK]** key while the above message appears on the screen.
(5) Turn off the power, then turn on the power.
(6) The lamp timer has now been reset, as before the HOW TO CONFIRMATION LAMP OPERATING TIME.

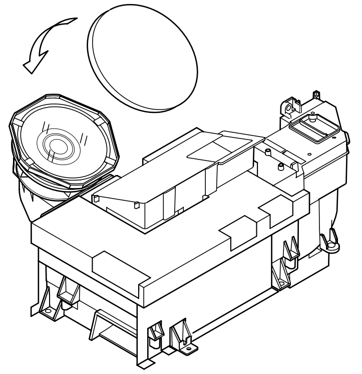
1.3.6 PRECAUTION FOR REPLACEMENT

- Do not replace the LAMP UNIT immediately after the projector has been used.
- The temperature of the LAMP UNIT is still high and could cause a burn.
- Allow a cooling period of 1 hour or more before performing replacement.
- Before starting LAMP UNIT replacement work, turn off the MAIN POWER switch, and disconnect the AC power cord plug from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result. Do not touch the glass portion or metal portion. Handle only plastic handle.
- The replaced old lamp can be discarded in the same manner as a fluorescent lamp. Check local ordinances and dispose of the used lamp as prescribed.

1.4 SERVICE PARTS KIT INSTRUCTIONS

Due to the character of this product, these OPTICAL /DRIVE ASS'Y are prepared.
Please note these OPTICAL/DRIVE ASS'Y when replacing or ordering the parts.

OPTICAL / DRIVE ASS'Y



1.4.1 PART NUMBER AND CONSTRUCTION

Model	Kit parts number	Kit part name
HD-61Z786 HD-61Z886	TS-COP6A-SAA	OPTICAL / DRIVE ASS'Y
HD-70G886	TS-COP6B-SAA	OPTICAL / DRIVE ASS'Y

1.4.2 OPTICAL / DRIVE ASS'Y CONSTRUCTION

(1) OPTICAL BLOCK
(Included HD-ILA DEVICE, PROJECTION LENS)
(2) OPTICAL BASE
(3) MAIN DRIVE PWB ASS'Y
This PWB is mounted with 2 memory ICs saved with adjustment, setting data of the drive circuit.
(4) SHIELD TYPE

*The following parts without the kits part.
a) REMOTE SENSOR PWB ASS'Y
b) FAN CONTROL PWB ASS'Y
c) LAMP UNIT
d) FRONT SHADE BRACKET
e) SHADE COVER

1.4.3 PRECAUTION FOR USING

(1) In the case of the following defects/problems, replace this kit (OPTICAL/DRIVE ASS'Y)
  a) Picture defect caused by optical system/D-ILA device related parts.
  b) Picture defect caused by drive circuit.

(2) The MAIN DRIVE PWB ASS'Y is mounted with a memory IC [IC3741/IC3742] saved with adjustment/setting data (GAMMA, SHADING, etc.) of the drive circuit.
The data of this memory IC is in the optimal state according to individual D-ILA devices and each section of the OPTICAL BLOCK.

(3) When replace the MAIN DRIVE PWB ASS'Y, take off the 2 memory ICs from the original board and replace with new one. When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace 2 memory ICs.

(4) When installing this kit (OPTICAL/DRIVE ASS'Y) to the set, first mount the FRONT SHADE BRACKET and SHADE COVER (with cushion) to the kit (lens section).

(5) After the replacement of the OPTICAL BLOCK, projection lens focus adjustment and drive convergence / projection adjustment are required.

1.5 SCREEN HANDLING CAUTIONS

1.5.1 SCREEN STORAGE

Store the SCREEN ASS'Y in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.
When necessary to place the SCREEN ASS'Y horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

1.5.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.

1.5.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

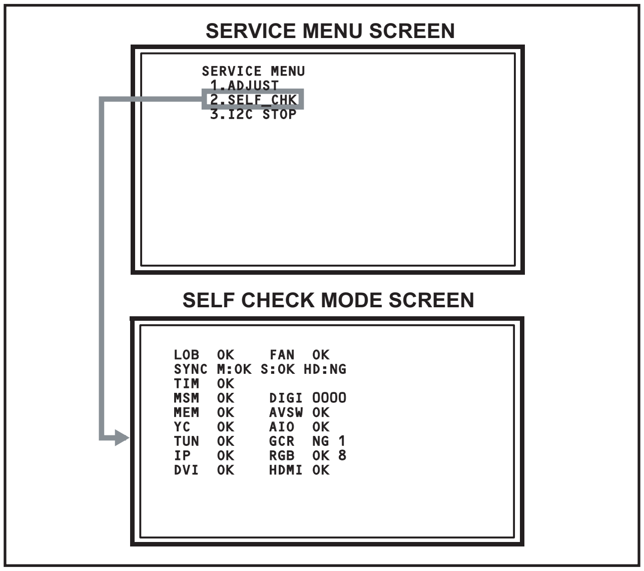
- The SCREEN ASS'Y is made from the lenticular lens and fresnel lens. The anti static proceeding and the surface of the lenticular lens. Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.
  If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out. Then wipe immediately after with clean, dry cloth.
  Never use the organic solvent such as the alcohol or benzine.
- The SCREEN ASS'Y replacement is required if the coating was peel off. Alkaline detergent or acidity detergent can not be be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
- Do not rub the screen when cleaning it or replaceing it. Rubbing the screen may cause of the scratch of the screen by its notch.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

(1) Set to **"0 minutes"** using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
(3) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
(4) Turn off the power by pressing the **[POWER]** key on the remote control unit.



```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK    DIGI 0000
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  NG 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

2.2 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

SMART CAPTION

Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

SMART SOUND

Decreases high sound levels, giving a regulated sound level.

VIDEO STATUS

Expression of a favorite screen can be chosen by the VIDEO STATUS function.

DIGITAL INPUT

Digital-in will display when any picture signal in Digital-in is displayed.

V-CHIP

Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

MTS STEREO

The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

NATURAL CINEMA

Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

BBE

High definition audio adds natural, clear and extraordinary sound quality to any program.

VIDEO INPUT LABEL

This function is used to label video input connections for the onscreen displays.

A.H.S.

Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

MEDIA CARD VIEWER [HD-70G886]

This TV can read the following media cards:
- SD Card
- MMC (Multi Media Card)
- Memory Stick
- xD-Picture Card
- CF Card (Compact Flash Card)
- Removable microdrive Hard Disk for JVC digital media camera "Everio" (a type of CF Card)

2.3 MAIN DIFFRENCE LIST

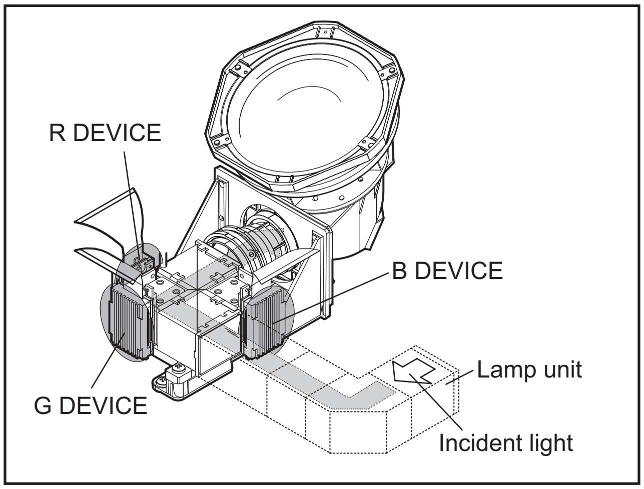
Item	HD-61Z786	HD-61Z886	HD-70G886
CABINET COLOR	BLACK	SILVER	SILVER
Multi Card Slot	NO	NO	YES
OPTICAL / DRIVE ASS'Y	TS-COP6A-SAA	←	TS-COP6B-SAA
ANALOG PWB	SRP-1022A-M2	←	SRP-1021A-M2
REGULATOR PWB	SRP-2022A-M2	←	SRP-2021A-M2
DIGITAL SIGNAL PWB	SRP0D022A-M2	SRP0D023A-M2	SRP0D021A-M2
CARD VIEWER PWB	---	---	SRP-8511A-M2

2.4 TECHNICAL INFORMATION

2.4.1 D-ILA DEVICE SPECIFICATION

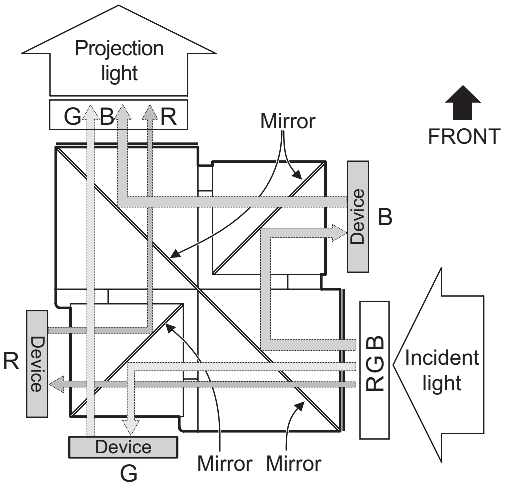
Item	Content
Resolution	H:1312 × V:800
Pixel number	about 3200000
Pixel size	H :12.0mm × V :12.0mm
Aspect ratio	16:9
Contrast ratio	1000:1
Aperture ratio	93% or more
Effective pixel measurement	0.7 inch

2.4.2 PROJECTION UNIT


R DEVICE
B DEVICE
Lamp unit
G DEVICE
Incident light

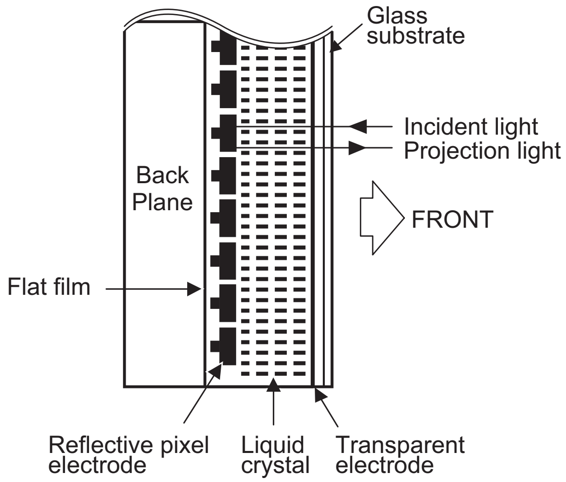
2.4.3 IMAGE LIGHT FLOW

DEVICE UNIT SECTION (TOP VIEW)

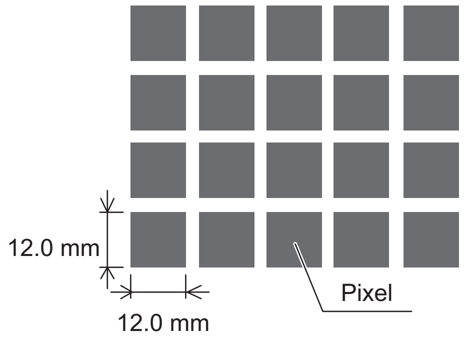

Projection light
G B R
Mirror
FRONT
Device
B
R
Device
RGB
Incident light
Device
G
Mirror
Mirror

2.4.4 D-ILA DEVICE STRUCTURE

R / G / B DEVICE (SIDE VIEW)


Glass substrate
Incident light
Projection light
Back Plane
FRONT
Flat film
Reflective pixel electrode
Liquid crystal
Transparent electrode

PIXEL VIEW (FRONT VIEW)


12.0 mm
12.0 mm
Pixel

2.4.5 MAIN CPU PIN FUNCTION [IC7601 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	VHOLD1	I	Data slice for main screen closed caption	51	NC	O	Not used
2	HFLT1	I/O	LPF for main screen closed caption video input	52	NC	O	Not used
3	NC	O	Not used	53	NC	O	Not used
4	NC	O	Not used	54	NC	O	Not used
5	DIGR0	O	R [0] for OSD	55	NC	O	Not used
6	TB1in	I	AC power for timer clock	56	NC	O	Not used
7	REMO	I	Remote control	57	NC	O	Not used
8	BYTE	I	Data bus width select [L = 16bit (fixed)]	58	NC	O	Not used
9	CNVss	I	CPU programming mode select [Normal = L]	59	NC	O	Not used
10	DIGG0	O	G [0] for OSD	60	NC	O	Not used
11	DIGB0	O	B [0] for OSD	61	NC	O	Not used
12	RESET	I	Reset for main CPU [Reset = L]	62	HSYNC	I	H. sync for OSD
13	Xout	O	System clock osillation (crystal) : 16MHz	63	NC	O	Not used
14	Vss	-	GND	64	VSYNC	I	V. sync for OSD
15	Xin	I	System clock osillation (crystal) : 16MHz	65	NC	O	Not used
16	VccI	I	3.3V stand-by power supply	66	NC	O	Not used
17	OSC1	I	Clock for OSD	67	NC	O	Not used
18	OSC2	O	Not used : Clock for OSD	68	NC	O	Not used
19	INT1	I	AV COMPULINK control	69	NC	O	Not used
20	INT0	I	Request for sub(chassis) CPU communication (serial data)	70	NC	O	Not used
21	OUT1	O	Ys (blanking) for OSD	71	NC	O	Not used
22	OUT2	O	YM (transparence) for OSD	72	NC	O	Not used
23	NC	O	Not used	73	NC	O	Not used
24	NC	O	Not used	74	NC	O	Not used
25	NC	O	Not used	75	NC	O	Not used
26	NC	O	Not used	76	NC	O	Not used
27	CTA2/RTS2	O	Not used	77	NC	O	Not used
28	CLK2	O	Not used	78	NC	O	Not used
29	RxD2	I	Digital tuner control	79	NC	O	Not used
30	TxD2	O	Digital tuner control	80	NC	O	Not used
31	SDA2	I/O	Not used	81	NC	O	Not used
32	DIGR1	O	R [1] for OSD	82	NC	O	Not used
33	DIGG1	O	G [1] for OSD	83	NC	O	Not used
34	DIGB1	O	B [1] for OSD	84	WAKE	O	Reset for sub(chassis) CPU
35	TxD0	I	Data receive (serial) for external programming	85	CARD_DET	I	Card detection for ATSC digital tuner
36	RxD0	O	Data transmission (serial) for external programming	86	POWER_SW	I	Power switch (mechanical) detection
37	CLK0	I	Clock for external programming	87	NC	I/O	Data for Inter IC (serial) bus control : memory
38	RTS0	O	Busy for external programming [Operation = H]	88	NC	O	Clock for Inter IC (serial) bus control : memory
39	P5.7	I	Not used	89	DIGR2	O	R [2] for OSD
40	P5.6	O	Not used	90	DIGG2	O	G [2] for OSD
41	HOLD	I	CPU programming mode select [Normal = H]	91	DIGB2	O	B [2] for OSD
42	P5.4	O	Not used	92	NC	O	Not used
43	P5.3	O	Not used	93	KEY2	I	Key scan data for front control button (MENU/CH+/CH-) KEY2
44	P5.2	O	Not used	94	KEY1	I	Key scan data for front control button (VOL+/VOL-) KEY1
45	P5.1	O	Not used	95	VHOLD2	I	Data slice for sub screen closed caption
46	WR	O	CPU programming mode select [Normal = L]	96	HLF2	I/O	LPF for sub screen closed caption video input
47	P4.7	O	Data transmission for sub(chassis) CPU communication (serial)	97	CVIN2	I	Video(Y) for sub screen closed caption
48	P4.6	I	Data receive for sub(chassis) CPU communication (serial)	98	TVSETB	I	Test terminal [L Fixed]
49	P4.5	I	Clock for sub(chassis) CPU communication (serial)	99	VCCE	I	5V stand-by power supply
50	P4.4	O	Not used	100	CVIN1	I	Video(Y) for main screen closed caption

2.4.6 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

Pin	Pin name	I/O	Function
1	LED_PRO	O	Not used
2	P_MU	O	Picture muting [Muting = H]
3	JP_CSB	O	Not used (NC)
4	A_MU	O	Audio muting [Muting = H]
5	M_MU	O	Audio muting (for AUDIO OUT) [Muting = H]
6	PC_SEL	O	RGB(PC) INPUT select
7	DIMMER_LED	O	POWER INDICATOR (LED) brightness [LOW = L]
8	ILA0	O	Not used : LCD back light lighting
9	ILA1	O	Not used : LCD panel overshoot refresh timing
10	ILA2	O	Not used
11	POW_LED	O	POWER LED lighting [ON = H]
12	WORD	O	Not used
13	MI_CK	I	Clock for SUB (OSD) CPU communication
14	MI_TX	I	Data receive for SUB (OSD) CPU communication
15	MI_RX	O	Data transmission for SUB (OSD) CPU communication
16	MI_REQ	O	Data request for SUB (OSD) CPU communication [Request = L]
17	VDD	I	3.3V power supply
18	FOSC	O	Not used (NC)
19	VSS	-	GND
20	X1	I	Not used : Low speed oscillatior
21	X0	O	Not used : Low speed oscillatior
22	VDD	I	3.3V power supply
23	OSC1	I	System clock osillation (crystal) : 16MHz
24	OSC0	O	System clock osillation (crystal) : 16MHz
25	MODE	I	Single chip mode
26	BS1.5CTL	O	Not used : Digital tuner power / reset control
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]
28	BS_RST	O	Not used: Reset for Digital tuner power / reset control
29	LIP_RST	O	Not used: Reset for Sound delay (Lip sync)
30	SOFT_OFF	O	Not used
31	VMUTE	I	Interrupt detection [Detect : H]
32	VOUTENB	O	Video cutoff for digital tuner
33	MDR_CON	I	No use : System cable connection monitor for PDP
34	AVDD	I	3.3V power supply
35	PFC_POW	O	Not used : Digital tuner power control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]
37	LB_POW	O	Not used : Power control for low bias line
38	NC	O	Not used (NC)
39	HOTPLUG	I	Not used : Video communiation monitor for receiver unit (PDP)
40	MECA_SW	I	Not used : Mechanical monitor for POWER switch
41	MAIN_POW	O	Main power control [ON = L]
42	MSP_RST	O	AUDIO OUT output mode select [VARIABLE = L]
43	VREF-	I	Not used
44	AFT2	I	Not used : AFT voltage for sub tuner
45	AFT1	I	AFT voltage for VHF/UHF tuner
46	KEY2	I	Not used
47	KEY1	I	Not used
48	NC	O	Not used (NC)
49	REC_RSV_LED	O	Not used (NC)
50	AC_IN	I	Not used
51	BS_TXD	O	Not used : Data transmission for digital tuner communication
52	BS_RXD	I	Not used : Data receive for digital tuner communication
53	CD_INT	O	Data transmission for CARD data
54	VREF+	I	3.3V power supply
55	PDP_TX	O	Data transmission for SUB (DRIVE) CPU communication
56	PDP_RX	I	Data receive for SUB (DRIVE) CPU communication
57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
58	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
59	SDA_DVI	I/O	Not used : Data for Inter IC (serial) bus for panel communication
60	SCL_DVI	O	Not used : Clock for Inter IC (serial) bus for panel communication
61	AVSS	-	GND
62	DIGII_PHOT	I	Photo sensor for DIGITAL-IN illegal copy protection
63	AGC	I	Not used
64	EXT_YS1	I	Not used
65	EXT_YS2	I	Not used
66	VDD	I	3.3V power supply
67	DIGI_PRO	O	for DIGITAL-IN (HDMI)
68	GCR_RST	O	Not used (NC)
69	GR_ON	O	Not used (NC)
70	SYNC_SEL	O	Not used : Sync select for digital tuner
71	CD_SCL	O	Clock for Inter IC (serial) bus for CARD comunication
72	CD_SDA	O	Data for Inter IC (serial) bus for CARD comunication
73	SBD5	I/O	Data for writing on board (connect CN01P : for Frash ROM type)
74	SBT5	I	Clock for writing on board (connect CN01P : for Frash ROM type)
75	NMI	I	3.3V power supply
76	COMP	I	AV COMPULINK lll control
77	REMO	I	Remote control
78	VSYNC	I	V. sync pulse
79	WAKE	I	Reset for sub(chassis) CPU
80	POWERGOOD	I	Power error detection [NG = H]
81	CD_SCL	O	Not used (NC)
82	RST	I	Reset for MAIN CPU [Reset = L]
83	VDD	I	3.3V power supply
84	SCL3A	O	Clock for Inter IC (serial) bus control
85	SDA3A	I/O	Data for Inter IC (serial) bus control
86	SCL3B	O	Clock for Inter IC (serial) bus control
87	SDA3B	I/O	Data for Inter IC (serial) bus control
88	DIGI_SYNCSEL	O	Not used
89	DIGI_LRSW	O	For DIGITAL-IN (HDMI)
90	DIGI_INT	I	Reset for HDMI process [Reset = L]
91	DVI_RST	O	Not used : Reset for DVI format conversion
92	VSS	-	GND
93	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
94	VFORMATSEL	O	Not used : Digital tuner clock control
95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
96	OSD_MODE_SEL	O	Not used : OSD mode select
97	NC	O	Not used (NC)
98	15K/OTH	O	Main video select [Fixed H]
99	DsyncSW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- **Be sure to perform the SYSTEM SETTEING, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 FRONT SIDE DISASSEMBLY [HD-61Z786 / HD-61Z886]

3.1.1.1 REMOVING THE SPEAKER (Fig.1)

(1) Remove the 1 screw **[A]**, then remove the SPEAKER GRILL(R).
(2) Remove the 1 screw **[B]**, then remove the SPEAKER GRILL(L).
(3) Remove the 4 screws **[C],** then remove the SPEAKER.

3.1.1.2 REMOVING THE LAMP UNIT (Fig.1)

- Remove the SPEAKER GRILL(L).

(1) Remove the 1 screw **[D]**, then remove the LAMP COVER.
(2) Remove the 2 screws **[E]**, then pull out the LAMP UNIT.

NOTE :

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust form covering the lens.
- Make sure that the LAMP COVER is completely installed.

3.1.1.3 REMOVING THE FRONT LED PWB (Fig.1)

- Remove the SPEAKER GRILL.

(1) Remove the 4 screws **[F]**, then remove the FRONT PANEL.
(2) Remove the 1 screws **[G]**, then remove the FRONT LED PWB.

3.1.1.4 REMOVING THE CENTER PANEL (Fig.1)

- Remove the SPEAKER.
- Remove the FRONT PANEL.

(1) Remove the 2 screws **[H]**, then remove the CENTER PANEL and CUSHION.

3.1.1.5 REMOVING THE SCREEN BLOCK (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.

(1) Remove the 4 screws **[J]** and the 10 screws **[K]**, then remove the SCREEN BLOCK.

CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 parsons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.1.6 REMOVING THE SCREEN ASS'Y (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 24 screws **[L]**, then remove the SCREEN BRACKET.
(2) Remove the SCREEN ASSY.

3.1.1.7 REMOVING THE FRONT FRAME (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 20 screws **[M]**, then remove the FRONT FRAME.

3.1.1.8 REMOVING THE MIRROR (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 12 screws **[N]** attaching the MIRROR HOLDER of the upper, left and right side.
(2) Raise slightly to disengage of the MIRROR from the bottom holder.
(3) Remove the MIRROR.

NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.1.9 REMOVING THE SIDE CONTROL PWB (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 4 screws **[P]**, then remove the SIDE CONTROL BASE with wire clamp.
(2) Remove the 3 screws **[Q]**, then remove the SIDE CONTROL PWB.

3.1.1.10 REMOVING THE MAIN BODY (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.

(1) Remove the 2 screws **[R]** and the 12 screws **[S]** , then remove the MAIN BODY.

CAUTION:

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

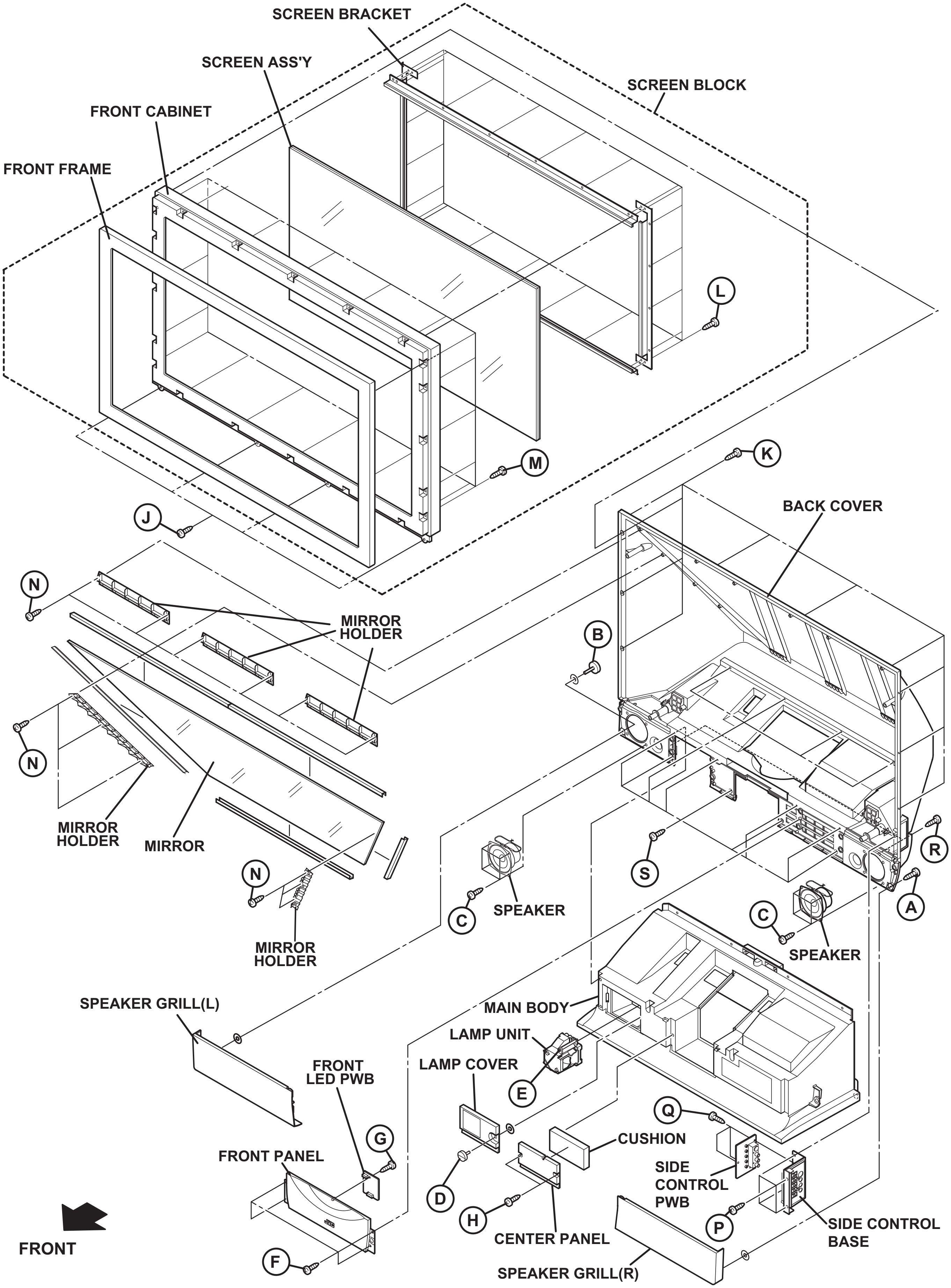

SCREEN BRACKET
SCREEN ASS'Y
SCREEN BLOCK
FRONT CABINET
FRONT FRAME
L
K
M
J
BACK COVER
N
MIRROR HOLDER
N
B
MIRROR HOLDER
MIRROR
N
S
R
A
C
SPEAKER
C
SPEAKER
MIRROR HOLDER
SPEAKER GRILL(L)
MAIN BODY
LAMP UNIT
FRONT LED PWB
LAMP COVER
E
Q
G
CUSHION
FRONT PANEL
SIDE CONTROL PWB
D
H
P
SIDE CONTROL BASE
FRONT
CENTER PANEL
F
SPEAKER GRILL(R)

Fig.1

3.1.2 FRONT SIDE DISASSEMBLY [HD-70G886]

3.1.2.1 REMOVING THE SPEAKER (Fig.2)

(1) Remove the 1 screw **[A]**, then remove the SPEAKER GRILL(R).
(2) Remove the 1 screw **[B]**, then remove the SPEAKER GRILL(L).
(3) Remove the 4 screws **[C]**, then remove the SPEAKER.

3.1.2.2 REMOVING THE LAMP UNIT (Fig.2)

- Remove the SPEAKER GRILL (L).

(1) Remove the 1 screw **[D]**, then remove the LAMP COVER.
(2) Remove the 2 screws **[E]**, then Pull out the LAMP UNIT.

NOTE:

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust from covering the lens.
- Make sure that the LAMP COVER is completely installed.

3.1.2.3 REMOVING THE FRONT LED PWB (Fig.2)

- Remove the SPEAKER.

(1) Remove the 2 screws **[F]**, then remove the FRONT PANEL.
(2) Remove the 1 screw **[G]**, then remove the FRONT LED PWB.

3.1.2.4 REMOVING THE CENTER PANEL (Fig.2)

- Remove the SPEAKER.
- Remove the FRONT PANEL.

(1) Remove the 2 screws **[H]**, then remove the CENTER PANEL and CUSHION.

3.1.2.5 REMOVING THE FRONT FRAME (Fig.2)

- Remove the SPEAKER.
- Remove the FRONT PANEL.

(1) Remove the 4 screws **[J]**, the 10 screws **[K]** and the 4 screws **[L]** from front side.
(2) Remove the 10 screws **[M]** from back side.

3.1.2.6 REMOVING THE SIDE CONTROL PWB (Fig.2)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.

(1) Remove the 4 screws **[N]**, then remove the SIDE CONTROL BASE with the SIDE CONTROL PWB.
(2) Remove the 3 screws **[P]**, then remove the SIDE CONTROL PWB.

3.1.2.7 REMOVING THE SPEAKER BOX (Fig.2)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.

(1) Remove the 3 screws **[Q]** from rear side, then remove the SPEAKER BOX.
(2) Remove the opposite side SPEAKER BOX same steps.

3.1.2.8 REMOVING THE MAIN BODY (Fig.2)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- Remove the SPEAKER BOX.

(1) Remove the 4 screws **[R]**, then remove the MAIN BODY.

CAUTION:

- Because of the large size, at least 2 persons are recommended for removal and reassmble.

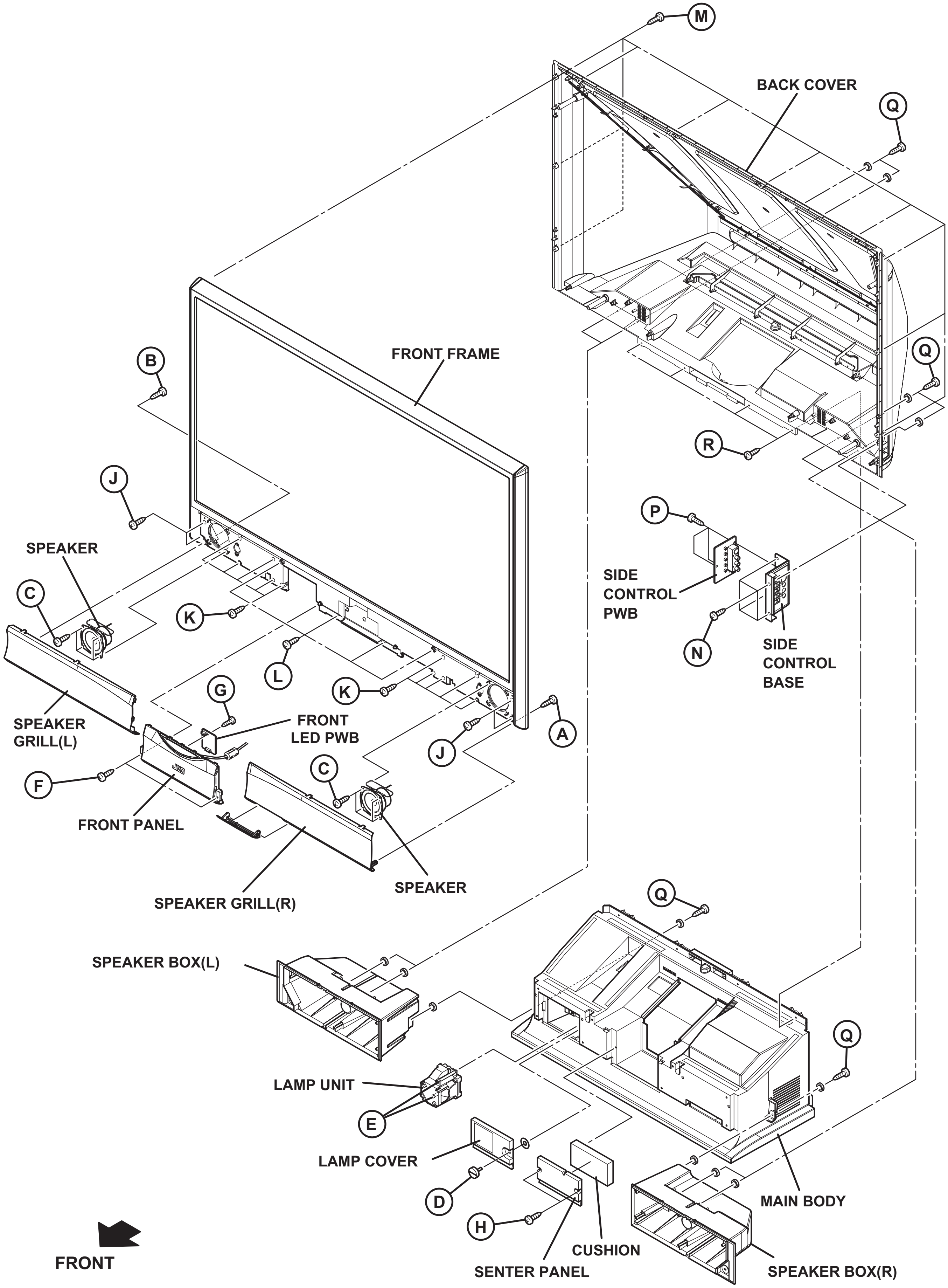

M
BACK COVER
Q
Q
FRONT FRAME
B
R
J
P
SPEAKER
SIDE
CONTROL
PWB
C
K
N
SIDE
CONTROL
BASE
L
K
G
A
SPEAKER
GRILL(L)
FRONT
LED PWB
J
F
C
FRONT PANEL
SPEAKER
SPEAKER GRILL(R)
Q
SPEAKER BOX(L)
Q
LAMP UNIT
E
LAMP COVER
D
MAIN BODY
H
CUSHION
FRONT
SENTER PANEL
SPEAKER BOX(R)

Fig.2

3.1.2.9 REMOVING THE SCREEN BLOCK (Fig.3)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.

(1) Remove the 14 screws **[A]**, then remove the SCREEN BLOCK.

CAUTION:

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.2.10 REMOVING THE SCREEN ASS'Y (Fig.3)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- Remove the SCREEN BLOCK.

(1) Remove the 4 screws **[B]**, then remove the SCREEN HOLDER REAR top.
(2) Remove the 4 screws **[C]**, then remove the SCREEN HOLDER REAR bottom.
(3) Remove the 4 screws **[D]**, then remove the SCREEN HOLDER REAR both side.
(4) Remove the SCREEN ASS'Y.
(5) Remove the 8 screws **[E]** and the 4 screws **[F]**, then remove the SCREEN HOLDER FRONT.

3.1.2.11 REMOVING THE MIRROR (Fig.3)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- Remove the SCREEN BLOCK.

(1) Remove the 4 screws **[G]** and the 3 screws **[H]** then remove the BACK BRACKET(REAR).
(2) Remove the 4 screws **[J]** and the 2 screws **[K]** then remove the BACK BRACKET(L/R).
(3) Remove the 2 screws **[L]**, then remove the MIRROR HOLDER STOPPER.
(4) Remove the 2 screws **[M]** and the 2 screws **[N]** then remove the MIRROR HOLDER(top).
(5) Remove the 8 screws **[P]**, then remove the MIRROR HOLDER BRACKET(four corners).
(6) Remove the 6 screws **[Q]** and the 2 screws **[R]** then remove the MIRROR HOLDER(both side and bottom).
(7) Remove the MIRROR.

NOTE:

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassenble.

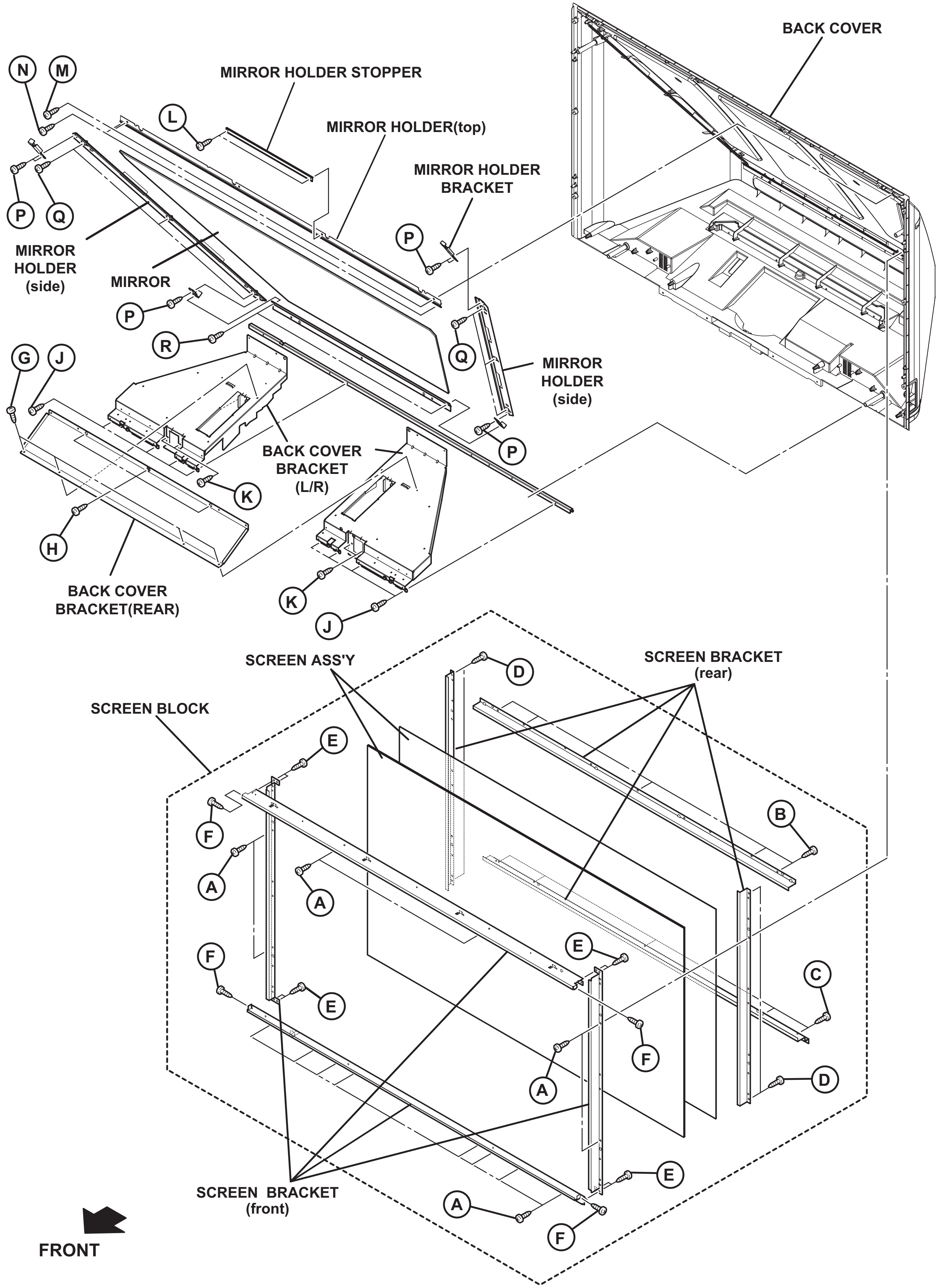

BACK COVER
MIRROR HOLDER STOPPER
MIRROR HOLDER(top)
MIRROR HOLDER BRACKET
MIRROR HOLDER (side)
MIRROR
MIRROR HOLDER (side)
BACK COVER BRACKET (L/R)
BACK COVER BRACKET(REAR)
SCREEN ASS'Y
SCREEN BRACKET (rear)
SCREEN BLOCK
SCREEN BRACKET (front)
FRONT
N
M
L
P
Q
P
P
R
Q
G
J
K
H
P
K
J
D
E
F
B
A
A
E
F
E
C
F
A
D
E
A
F

Fig.3

3.1.3 REAR SIDE DISASSEMBLY

3.1.3.1 REMOVING THE BODY COVER (Fig.4)

(1) Remove the 15 screws **[A]**, then remove the BODY COVER.

3.1.3.2 REMOVING THE MAIN UNIT (Fig.4)

- Remove the BODY COVER.

(1) Remove the 4 screws **[B]**, then remove the BODY BRACKET
(2) Remove the 2 screws **[C]**, then remove the TOP SHADE BRACKET.
(3) Remove the 2 screws **[D]**, then MAIN UNIT is pulled out to the front side.

CAUTION

- **Except for confirmation of projection images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built-in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output. Do not leave the MAIN UNIT removed for long time to prevent soiling from dust.**
- **Because of the large size, at least 2 persons are recommended for removal and reassemble.**
- **When carrying the MAIN UNIT, use care not to drop, shock or shake it.**
- **Do not stain or damage the projection lens.**
- **Do not look directly at the light during service.**
- **Do not touch the lamp directly as it presents a burn hazard.**

NOTE :

- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens is in contact with the cushion on the set (body) side.
- Make sure that FRONT LED PWB connector is completely connect to the RECEIVER PWB connector.
- When wire clamps are removed during work, use care to restore them precisely to their original positions. Performance can be affected if these are not returned to the original positions.

3.1.3.3 REMOVING THE POWER PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.

(1) Remove the POWER CORD.
(2) Remove the 5 screws **[E]** then Remove the POWER PWB.

3.1.3.4 REMOVING THE AV TERMINAL BOARD (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.

(1) Remove the 2 screws **[F]**, the 5 screws **[G]** and the 2 hex screws **[H]**.
(2) Remove the 2 screws **[J]** and the nut attaching the ANTENNA TERMINAL.
(3) Remove the AV TERMINAL BOARD.

3.1.3.5 SD CARD PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 2 screws **[K]**, then remove the SD CARD BRACKET with SD CARD PWB.
(2) Remove the 3 screws **[L]**, then remove the SD CARD PWB.

3.1.3.6 REMOVING THE REAR JACK PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 1 screw **[M]** then remove the REAR JACK PWB.

3.1.3.7 REMOVING THE RECEIVER PWB, REGULATOR PWB AND ANAROG SIGNAL PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 1 screw **[N]**, then remove the ANALOG PWB BRACKET with PWB.
(2) Remove the 4 screws **[P]**, then remove the PWB HOLDER.
(3) Remove the 4 screws **[Q]**, then remove the RECEIVER PWB.
(4) Remove the 4 screws **[R]**, then remove the ANROG SIGNAL PWB.
(5) Remove the 4 screws **[S]**, then remove the REGULATOR PWB.

3.1.3.8 REMOVING THE DIGITAL SIGNAL PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 1 screw **[T]**, then remove the HANGER BRACKET with PWB.
(2) Remove the 4 screws **[P]**, then remove the PWB HOLDER.
(3) Remove the 4 screws **[U]**, then remove the DIGITAL SIGNAL PWB.

CAUTION :

Make sure to perform the "SYSTEM SETTING" according to before page, when DIGITAL SIGNAL PWB is replaced.

3.1.3.9 REMOVING THE ATSC TUNER MODULE PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.

(1) Remove the 1 screw **[T]**, then remove the HANGER BRACKET with PWB.
(2) Remove the 4 screws **[P]**, then remove the PWB HOLDER.
(3) Remove the 4 screws **[V]**, then remove the ATSC TUNER MODULE PWB.

3.1.3.10 REMOVING THE CARD VIEWER PWB [HD-70G886] (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the ANALOG PWB BRACKET.
- Remove the HAGER BLACKET.

(1) Remove the 2 screws **[W]**, then remove the CARD VIEWER PWB BRACKET.
(2) Remove the 3 screws **[X]**, then remove the CARD VIEWER PWB COVER.
(3) Remove the 4 screws **[Y]**, then remove the CARD VIEWER PWB.

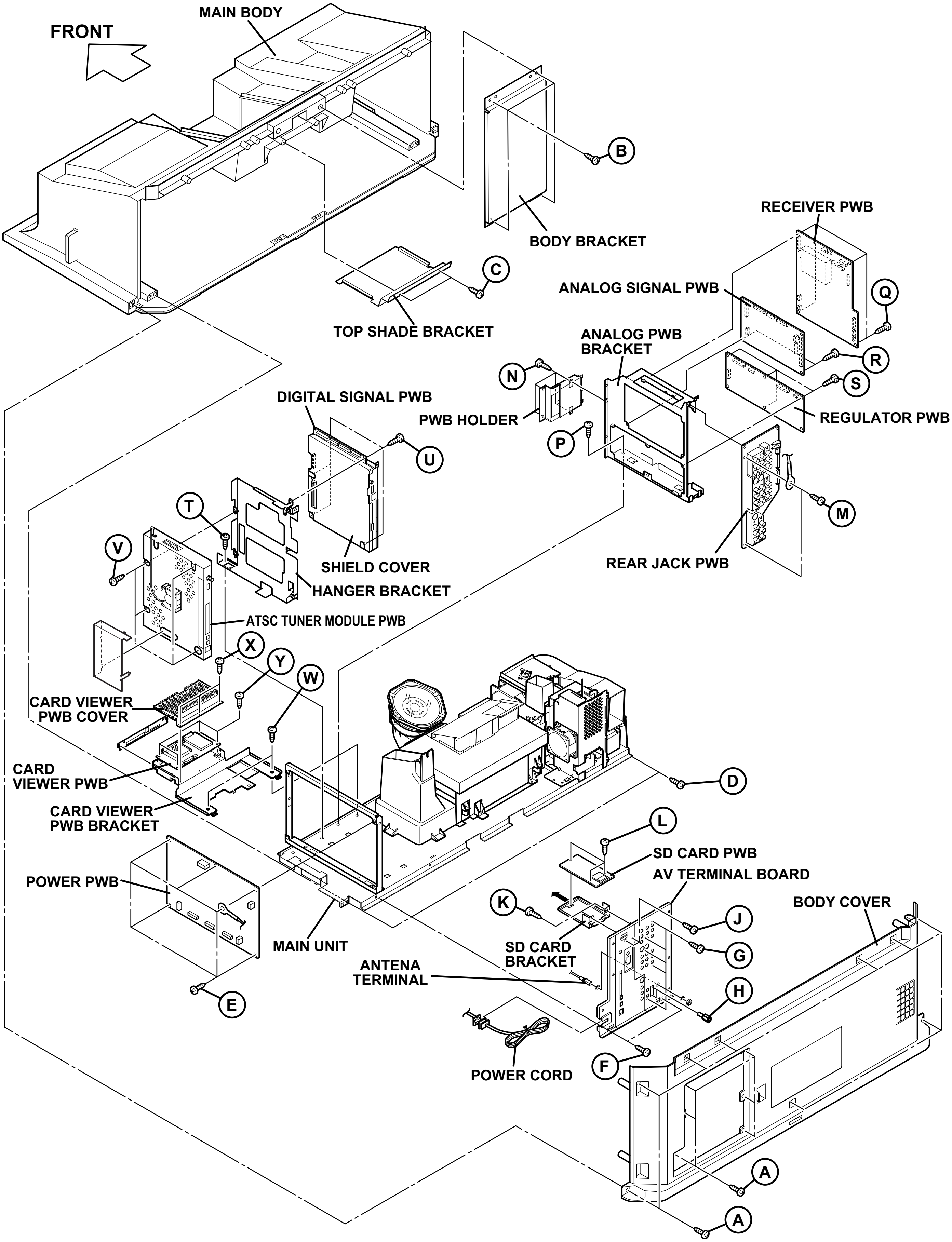

MAIN BODY
FRONT
B
BODY BRACKET
RECEIVER PWB
C
TOP SHADE BRACKET
ANALOG SIGNAL PWB
Q
ANALOG PWB BRACKET
R
N
S
DIGITAL SIGNAL PWB
PWB HOLDER
REGULATOR PWB
P
U
M
T
V
SHIELD COVER
REAR JACK PWB
HANGER BRACKET
ATSC TUNER MODULE PWB
X
Y
W
CARD VIEWER PWB COVER
CARD VIEWER PWB
D
CARD VIEWER PWB BRACKET
L
SD CARD PWB
AV TERMINAL BOARD
POWER PWB
K
BODY COVER
J
MAIN UNIT
G
SD CARD BRACKET
ANTENA TERMINAL
H
E
F
POWER CORD
A
A

Fig.4

3.1.3.11 REMOVING THE LANP BALLAST BLOCK (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 1 screw **[A]**, then remove the LAMP BALLAST BLOCK.

3.1.3.12 REMOVING THE LAMP BALLAST COOLING FAN (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.
- Remove the LAMP BALLAST BLOCK.

(1) Remove the 2 screws **[B]**, then remove the LAMP BALLAST COOLING FAN.
(2) Remove the 2 screws **[C]**, then remove the BALLAST COVER.
(3) Remove the 2 screws **[D]**, then remove the LAMP BALLAST UNIT.

3.1.3.13 REMOVING THE LAMP FAN DUCT & THERMOSTAT (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.
- Remove the LAMP BALLAST BLOCK.

(1) Remove the 2 screws **[E]**, then remove the THERMOSTAT.
(2) Remove the 3 screws **[F]**, then remove the LAMP FAN DUCT.

3.1.3.14 REMOVING THE LAMP COOLING FAN (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.
- Remove the LAMP BALLAST BLOCK.

(1) Remove the 2 screws **[G]**, then remove the LAMP FAN BRACKET ASSY.
(2) Remove the 2 screws **[H]**, then remove the LAMP COOLING FAN.

3.1.3.15 REMOVING THE FUN CONTROL PWB (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 1 screw **[J]**, then remove the FAN CONTROL PWB.

3.1.3.16 REMOVING THE REMOTE SENSOR PWB (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 1 screw **[K]**, then remove the REMOTE SENSOR PWB.

3.1.3.17 REMOVING THE OPTICAL BROCK (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.

(1) Remove the 2 screws **[L]**, then remove the SHADE COVER.
(2) Remove the 2 screws **[M]**, then remove the FRONT SHADE BRACKET.
(3) Remove the clip **[N]**.
(4) Slide the FRONT SHADE BRACKET in the direction of an arrow and remove it.
(5) Remove the claws on the TOP DUCT PLATE.
(6) Slide the TOP DUCT PLATE and remove it.
(7) Remove the 2 screws **[P]**, then remove the TOP DUCT.
(8) Remove the DEVICE SHILD.
(9) Remove the SHIELD TOP CASE.
(10) Remove the 5 screws **[Q]**, then remove the MAIN DRIVE PWB.
(11) Rift up the SHILD COVER and remove it.
(12) Remove the 1 screw **[R]**, the 2 screws **[S]** and the 3 screws **[T]**, then remove the OPTICAL BLOCK.

3.1.3.18 REMOVING THE SIROCCO TOP CASE (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.
- Remove the LAMP BALLAST BLOCK.
- Remove the OPTICAL BLOCK.

(1) Remove the 3 screws **[U]**, then remove the SIROCCO TOP CASE.

3.1.3.19 REMOVING THE OPTICAL BLOCK COOLING FAN (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.
- Remove the LAMP BALLAST BLOCK.
- Remove the OPTICAL BLOCK.
- Remove the SIROCCO TOP CASE.

(1) Remove the 3 screws **[V]**, then remove the OPTICAL BLOCK COOLING FAN.

3.1.3.20 REMOVING THE LAMP COVER SW PWB (Fig.5)

- Remove the BODY COVER.
- Remove the BODY BRACKET.
- Remove the TOP SHADE BRACKET.
- Remove the MAIN UNIT.
- Remove the LAMP BALLAST BLOCK.
- Remove the OPTICAL BLOCK.
- Remove the SIROCCO TOP CASE.

(1) Remove the 2 screws **[W]**, then remove the LAMP COVER SW PWB.

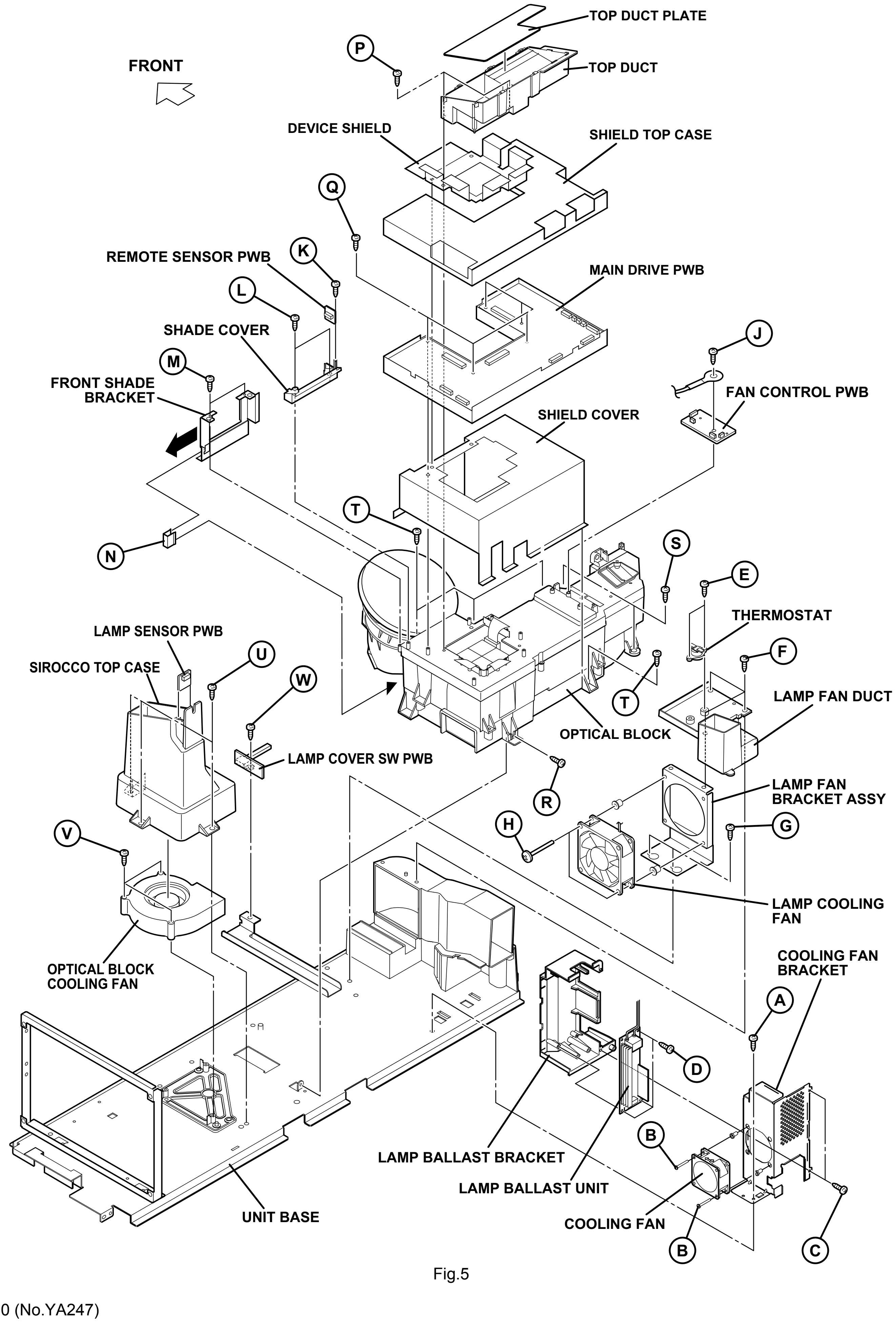

TOP DUCT PLATE
FRONT
P
TOP DUCT
DEVICE SHIELD
SHIELD TOP CASE
Q
REMOTE SENSOR PWB
K
MAIN DRIVE PWB
L
SHADE COVER
J
M
FRONT SHADE BRACKET
FAN CONTROL PWB
SHIELD COVER
T
N
S
E
LAMP SENSOR PWB
THERMOSTAT
U
SIROCCO TOP CASE
W
F
T
LAMP FAN DUCT
OPTICAL BLOCK
LAMP COVER SW PWB
R
LAMP FAN BRACKET ASSY
H
G
V
LAMP COOLING FAN
OPTICAL BLOCK COOLING FAN
COOLING FAN BRACKET
A
D
B
LAMP BALLAST BRACKET
LAMP BALLAST UNIT
UNIT BASE
COOLING FAN
B
C

Fig.5

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

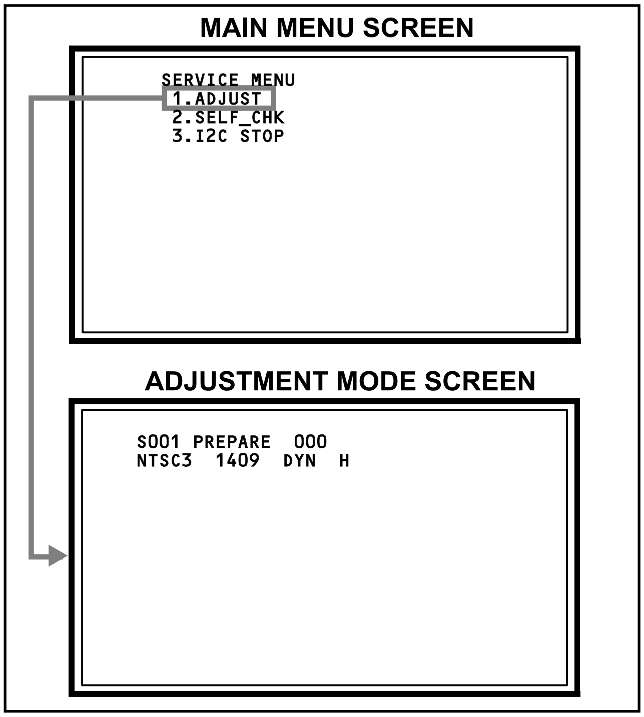


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Adjust	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

3.2.3 SETTINGS OF FACTORY SHIPMENT

3.2.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	CABLE-02
VOLUME	10
INPUT	TV

3.2.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting position
INPUT		TV
CHANNEL		CABLE-02
VOLUME		10
MUTING		OFF
DISPLAY		OFF
ASPECT	NTSC	PANORAMA
	HD	FULL
SLEEP TIMER		OFF
THEATER PRO		OFF
VIDEO STATUS		DYNAMIC
MTS		STEREO
TWIN SOURCE	LEFT SIDE	CABLE-02
	RIGHT SIDE	VIDEO-1
SOUND EFFECT	A.H.S+	OFF
	BBE	ON
	SMART SOUND	OFF

3.2.3.3 REMOTE CONTROL MENU OPERATION

■ PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

[NTSC MODE]

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	+05	00	-05	00
BRIGHT	00	00	00	00
COLOR	00	00	-03	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
COLOR TEMPERATURE	HIGH	LOW	HIGH	HIGH
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
NATURAL CINEMA	AUTO	AUTO	AUTO	AUTO
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON
SMART PICTURE	ON	ON	ON	ON

[HD MODE]

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	+05	00	-05	00
BRIGHT	00	00	00	00
COLOR	00	00	-03	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
COLOR TEMPERATURE	HIGH	LOW	HIGH	LOW
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
NATURAL CINEMA	AUTO	AUTO	AUTO	AUTO
COLOR MANAGEMENT	ON	ON	ON	ON
DYNAMIC GAMMA	ON	ON	ON	ON
SMART PICTURE	ON	ON	ON	ON

■ SOUND ADJUST

Setting item	Setting position
BASS	00
TREBLE	00
BALANCE	00

■ CLOCK / TIMERS

Setting item	Setting position
ON / OFF TIMER	NO

■ INITIAL SETUP

Setting item	Setting position
VIDEO-1MONITOR OUT	OFF
TV SPEAKER	ON
AUDIO OUT	FIX
DIGITAL-IN	SIZE 1
DIGITAL-IN AUDIO	DIGITAL
CENTER CH INPUT	OFF
NOISE MUTING	ON
FRONT PANEL LOCK	OFF
V1 SMART INPUT	OFF
VIDEO INPUT LABEL	All blank
POSITION ADJUSTMENT	Center
POWER INDICATOR	HIGH
LANGUAGE	ENG.
CLOSED CAPTION	OFF
AUTO SHUT OFF	OFF
XDS ID	ON
V-CHIP	OFF
AUTO DEMO	OFF

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

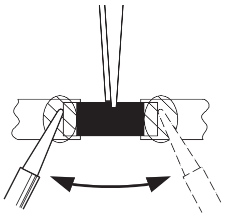
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

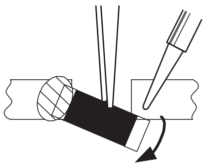
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

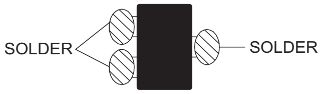


(2) Shift with the tweezers and remove the chip part.

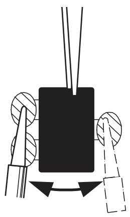


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



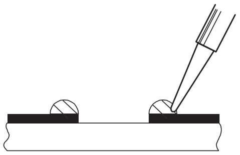
NOTE :

After removing the part, remove remaining solder from the pattern.

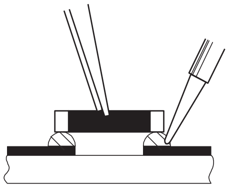
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

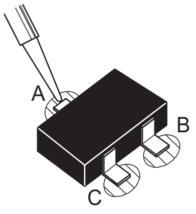


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

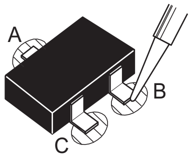


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings
VIDEO STATUS	STANDARD
Picture adjustments	00
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON
NATURAL CINEMA	AUTO
Sound adjustments	00
BBE	OFF
A.H.S	OFF
ASPECT	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
  [NTSC / 525i / 525p / 750p / 1125i]
- Hexagon wrench
- TV audio multiplex signal generator
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ **FOCUS**
- LENS FOCUS adjustment

■ **DRIVE CIRCUIT**
- DRIVE CONVERGENCE adjustment
- DRIVE CENTER POSITION adjustment

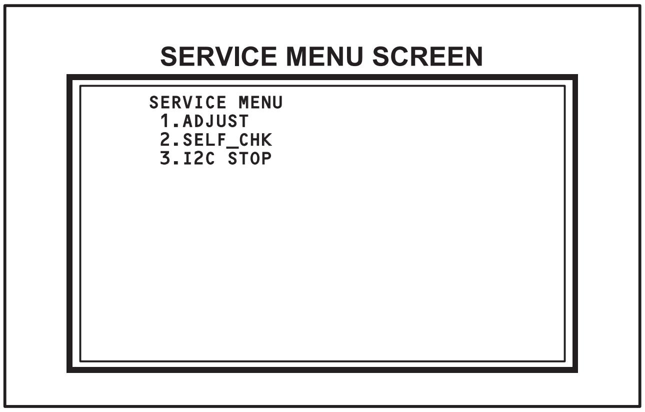
■ **VIDEO CIRCUIT**
- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHLIGHT) adjustment

■ **MTS CIRCUIT**
- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Set to 0 minutes using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE (Fig.1)


SERVICE MENU SCREEN

```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

Fig.1

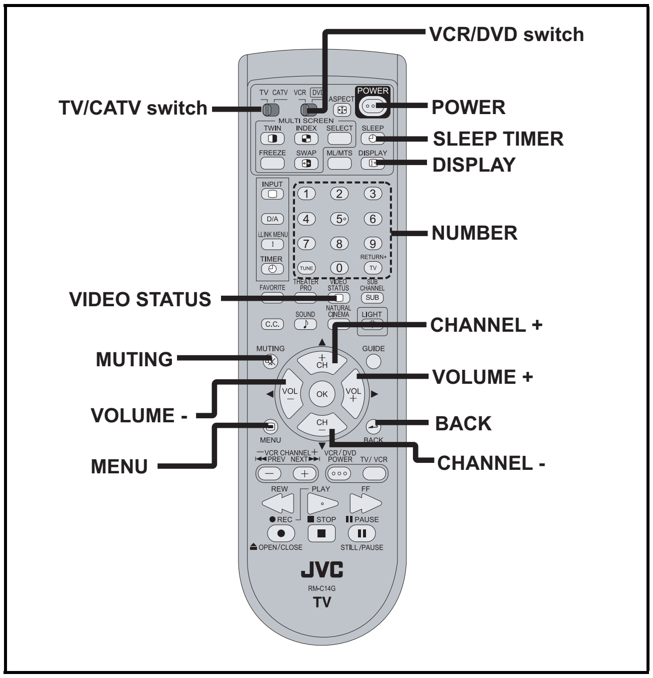
NOTE:

- Before entering the SERVICE MODE, confirm that the setting of **TV/CATV** switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of **VCR/DVD** switch is at the "**VCR**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** or **[9]** keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [BACK] key to exit the Service mode.

4.5.3 SERVICE MODE SELECT KEY LOCATION


VCR/DVD switch
TV/CATV switch
POWER
SLEEP TIMER
DISPLAY
NUMBER
VIDEO STATUS
CHANNEL +
MUTING
VOLUME +
VOLUME -
BACK
MENU
CHANNEL -
JVC
RM-C14G
TV

4.5.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT and the MTS CIRCUIT.

4.5.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the **ADJUSTMENT MODE (Fig.2)**.

4.5.4.2 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE

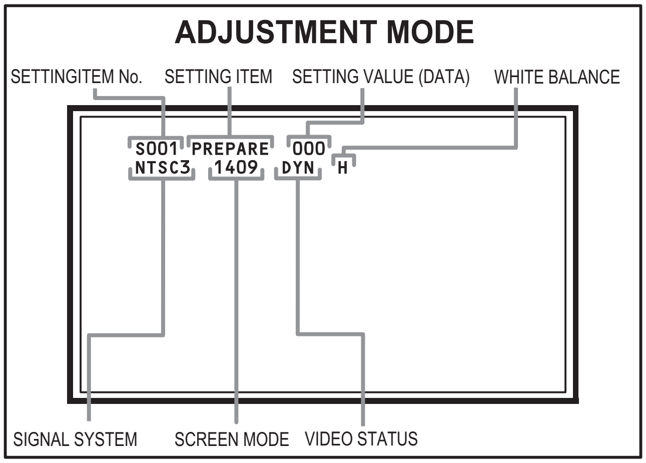

ADJUSTMENT MODE
SETTINGITEM No.
SETTING ITEM
SETTING VALUE (DATA)
WHITE BALANCE
S001
PREPARE
000
NTSC3
1409
DYN
H
SIGNAL SYSTEM
SCREEN MODE
VIDEO STATUS

Fig.2

(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

NTSC3 : 525i (Composite / S-video input)
525I : 525i (Component input)
525P : 525p
1125I6 : 1125i
750P : 750p
H525I : HDMI 525i
H525P : HDMI 525p
H1125I6 : HDMI 1125i
H750P : HDMI 750p
PCVGA : PC VGA
PCXGA : PC XGA
D525I : Digital 525i
D525P : Digital 525p
D1125I6 : Digital 1125i

(2) SCREEN MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL : FULL
1609 : CINEMA, CINEMA ZOOM
PANO : PANORAMA, HD PANORAMA
REGU : REGULAR

MULTI SCREEN

M2 : TWIN, FREEZE screen
M12 : INDEX screen

(3) VIDEO STATUS

STD : STANDARD
DYN : DYNAMIC
TH : THEATER
GAME : GAME

(4) WHITE BALANCE

H : HIGH
L : LOW

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4.3 CHANGE AND MEMORY OF SETTING VALUE

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  Change the setting items up/ down.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

- **[SLEEP TIMER]** key.
  Switches to the next items.

S001 → T001 → P001 → D001 → Z001

■CHANGE OF SETTING VALUE (DATA)

- **[VOL+]** / **[VOL-]** key.
  Change the setting values up/down.

■MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

4.5.5 RGB BOX PATTERN MODE

This mode is used to adjust the DRIVE CIRCUIT.

4.5.5.1 HOW TO ENTER THE RGB BOX PATTERN MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[9]** key to enter the **RGB BOX PATTERN MODE (Fig3)**.

4.5.5.2 DESCRIPTION OF STATUS DISPLAY OF RGB BOX PATTERN MODE

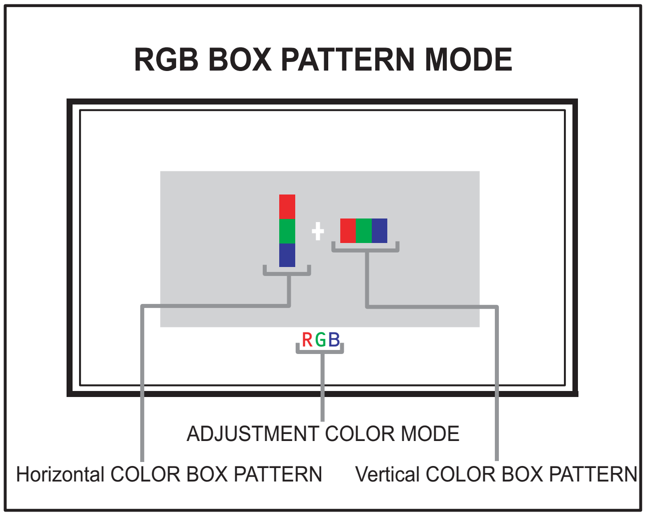


Fig.3

(1) COLOR BOX PATTERN

The COLOR BOX PATTERN of each RGB color is displayed.

(2) ADJUSTMENT COLOR MODE

Presently selected ADJUSTMENT COLOR MODE is displayed.

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  Move the selected COLOR BOX PATTERN up/ down pixel by pixel.

- **[VOL+]** / **[VOL-]** key.
  Move the selected COLOR BOX PATTERN left/ right pixel by pixel.

- **[SLEEP TIMER]** key.
  Adjusts the data reset.

- **[DISPLAY]** key.
  Adjusts the selected COLOR BOX PATTERN.

R → B → RGB

- **[BACK]** key.
  Returns to the SERVICE MENU SCREEN from the RGB BOX PATTERN MODE.

■MEMORY OF SETTING VALUE (DATA)

With the RGB BOX PATTERN MODE, the changed date is written in the MEMORY instantly.

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
S001	PREPARE	000 - 031	000
S002	NTSC BL	000 - 015	000
S003	NTSC CNT	000 - 255	033
S004	NT CR OF	000 - 015	006
S005	NT CB OF	000 - 015	006
S006	525i BL	000 - 015	000
S007	525i CNT	000 - 255	033
S008	5i CB OF	000 - 015	000
S009	5i CR OF	000 - 015	000
S010	5i CR GN	000 - 015	006
S011	5i CB GN	000 - 015	006
S012	HD BL	000 - 063	057
S013	HD CB OF	000 - 063	054
S014	HD CR OF	000 - 063	055
S015	RT CONT	000 - 015	007
S016	RT CB OF	000 - 015	002
S017	RT CR OF	000 - 015	002
S018	RT CL GA	000 - 015	004
S019	PC CL MB	000 - 007	000
S020	PC CL LB	000 - 031	000
S021	PC CL MR	000 - 007	000
S022	PC CL LR	000 - 031	000
S023	(Not display)	000 - 255	000
S024	(Not display)	000 - 255	000
S025	(Not display)	000 - 255	000
S026	(Not display)	000 - 255	000
S027	(Not display)	000 - 255	000
S028	(Not display)	000 - 255	000
S029	(Not display)	000 - 255	000
S030	R DRIVE	000 - 255	136
S031	G DRIVE	000 - 255	135
S032	B DRIVE	000 - 255	132
S033	(Not display)	000 - 255	000
S034	(Not display)	000 - 255	000
S035	(Not display)	000 - 255	000
S036	(Not display)	000 - 255	000
S037	(Not display)	000 - 255	000
S038	(Not display)	000 - 255	000
S039	ILA COM	000 - 001	000

4.6.2 AUDIO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
T001	IN LEVEL	000 - 015	007
T002	LOW SEP	000 - 063	035
T003	HIGH SEP	000 - 063	024
T004	AFC	000 - 255	000
T005	(Not display)	000 - 255	000
T006	ATT V ON	000 - 001	000
T007	ATT U ON	000 - 001	000
T008	ATT C ON	000 - 001	000
T009	(Not display)	000 - 255	000
T010	(Not display)	000 - 255	000

4.6.3 PANEL CONTOROL SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
P001	TM HOR H	00 - FF	00
P002	TM HOR L	00 - FF	00
P003	TM MIN	00 - FF	39
P004	TEMP	000 - 255	000
P005	(Not display)	000 - 255	000
P006	(Not display)	000 - 255	000
P007	(Not display)	000 - 255	000
P008	(Not display)	000 - 255	000
P009	(Not display)	000 - 255	000
P010	(Not display)	000 - 255	000

4.6.4 DRIVE SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
D001	SLV GN	00 - 3F	20
D002	SLVH GN	00 - 3F	20
D003	SLH GN	00 - 3F	20
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	03
D007	SL EGCON	00 - 3F	04
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	05
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	18
D013	SVH GN	00 - 3F	13
D014	SH GN	00 - 3F	2F
D015	SV Pf	00 - 03	02
D016	SV PfH	00 - 01	01
D017	SV PfL	00 - 03	02
D018	SYL CON	00 - 3F	30
D019	SYL CONF	00 - 01	01

Item No.	Item	Variable range	Setting value
D020	SYH CON	00 - 3F	18
D021	SYH CONF	00 - 01	01
D022	SC CON	00 - 3F	36
D023	SC CNONF	00 - 01	01
D024	SPM BLC	00 - 3F	0C
D025	SPM BLCO	00 - 01	01
D026	SLIM	00 - 3F	25
D027	SLIMONF	00 - 01	01
D028	SCRG	00 - 3F	08
D029	SRGONF	00 - 01	01
D030	S ONF	00 - 01	01
D031	pb GN	00 - 3F	15
D032	pb PfH	00 - 01	00
D033	pb PfL	00 - 03	03
D034	pb CRG	00 - 3F	04
D035	pb CRGON	00 - 01	01
D036	pb ONF	00 - 01	01
D037	pr GN	00 - 3F	15
D038	pr PfH	00 - 01	00
D039	pr PfL	00 - 03	03
D040	pr CRG	00 - 3F	04
D041	pr CRGON	00 - 01	00
D042	pr ONF	00 - 01	01
D043	ENH ONF	00 - 01	01
D044	(Not display)	00 - FF	00
D045	(Not display)	00 - FF	00
D046	(Not display)	00 - FF	00
D047	(Not display)	00 - FF	00
D048	(Not display)	00 - FF	00
D049	(Not display)	00 - FF	00
D050	(Not display)	00 - FF	00
D051	(Not display)	00 - FF	00
D052	(Not display)	00 - FF	00
D053	(Not display)	00 - FF	00
D054	(Not display)	00 - FF	00
D055	(Not display)	00 - FF	00
D056	(Not display)	00 - FF	00
D057	(Not display)	00 - FF	00
D058	(Not display)	00 - FF	00
D059	(Not display)	00 - FF	00
D060	(Not display)	00 - FF	00
D061	(Not display)	00 - FF	00
D062	(Not display)	00 - FF	00
D063	(Not display)	00 - FF	00
D064	(Not display)	00 - FF	00
D065	(Not display)	00 - FF	00
D066	(Not display)	00 - FF	00
D067	(Not display)	00 - FF	00
D068	(Not display)	00 - FF	00
D069	(Not display)	00 - FF	00

Item No.	Item	Variable range	Setting value
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D100	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00

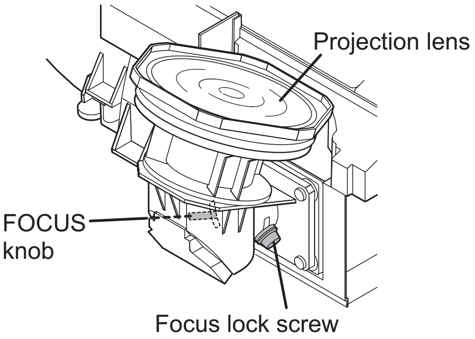
Item No.	Item	Variable range	Setting value
D120	(Not display)	00 - FF	00
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128	(Not display)	00 - FF	00
D129	(Not display)	00 - FF	00
D130	(Not display)	00 - FF	00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139	(Not display)	00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D143	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00
D170	(Not display)	00 - FF	00
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

4.6.5 MAIN CPU SYSTEM SETTING (Fixed values)

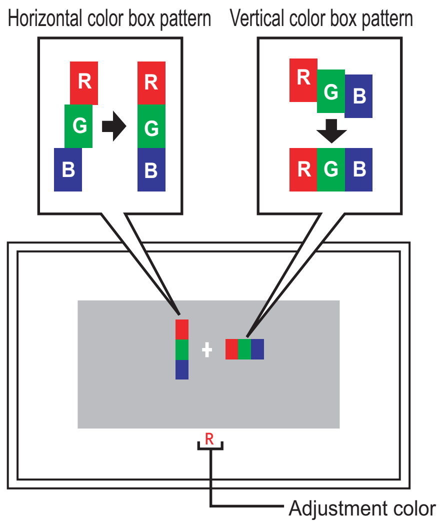
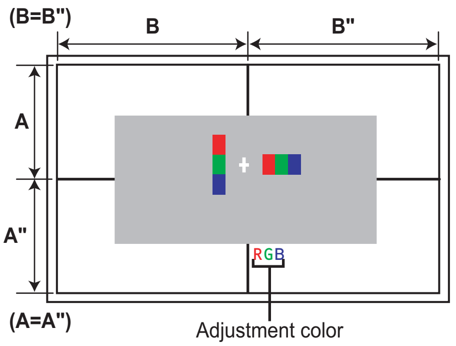
Item No.	Item	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

4.7 ADJUSTMENT PROCEDURE

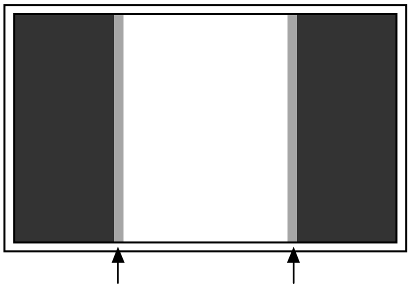
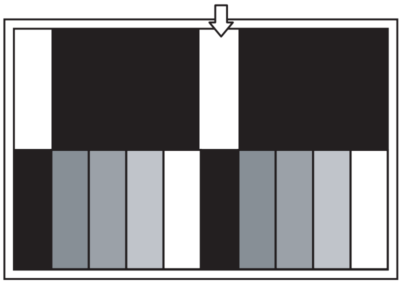
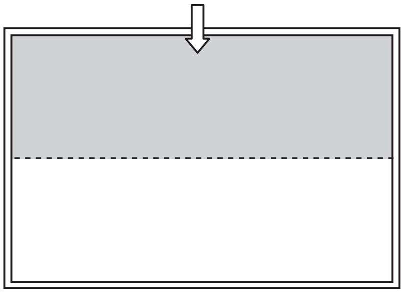
4.7.1 FOCUS

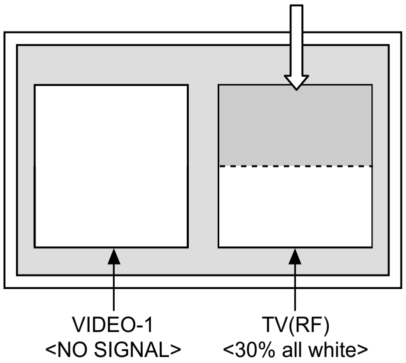
Item	Measuring instrument	Test point	Adjustment part	Description
LENS FOCUS	Hexagon wrench		FOCUS knob [PROJECTION LENS]	(1) Remove the FRONT PANEL, SPEAKER GRILL, CENTER PANEL and cushions. (2) Display the MENU screen. (3) Loosen the FOCUS LOCK screw. (4) Adjust the FOCUS knob so that the center screen may become the best focus. (5) Fix the focus lock screw by using the Hexagon wrench. • On this occasion, hold the FOCUS knob with your left hand. (6) Confirm the whole focus of the best screen. (7) Install the FRONT PANEL, SPEAKER GRILL, BODY COVER and cushions.
				

4.7.2 DRIVE CIRCUIT

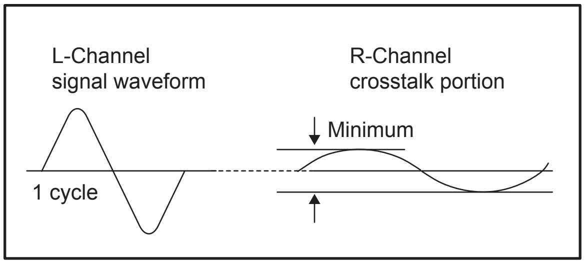
Item	Measuring instrument	Test point	Adjustment part	Description
DRIVE CONVERGENCE	Remote control unit		[9.RGB BOX PATTERN]	(1) Select "RGB BOX PATTERN MODE" from the SERVICE MODE. (2) Set the adjustment color mode to "R" to set the red color adjustment mode. (3) Adjust the red box pattern in the vertical color box pattern horizontally with the green box pattern. (4) Adjust the red box pattern in the vertical color box pattern vertically with the green box pattern. (5) Set the adjustment color mode to "B" to set the blue color adjustment mode. (6) Adjust the blue box pattern in the vertical color box pattern horizontally with the green box pattern. (7) Adjust the blue box pattern in the vertical color box pattern vertically with the green box pattern. (8) Check to see that the cross pattern is white. If the cross pattern is not white, repeat the step 3. to 8. as abobe. **NOTE:** • The green box pattern is a fixed. (It can not be removed.) • With this adjustment mode, the changed data is written in the MEMORY instantly.
 Horizontal color box pattern Vertical color box pattern R G B R G B R G B R G B R Adjustment color				
DRIVE CENTER POSITION	Remote control unit Signal generator		[9.RGB BOX PATTERN]	(1) Receive a center cross signal pattern. (2) Select "RGB BOX PATTERN MODE" from the SERVICE MODE. (3) Set the adjustment color mode to "RGB" to set the display position adjustment mode. (4) Adjust the top and the bottom width to make **A** and **A"** even. (5) Adjust the left and the right width to make **B** and **B"** even. **NOTE:** • With this adjustment mode, the changed data is written in the MEMORY instantly.
 (B=B") B B" A A" (A=A") RGB Adjustment color				

4.7.3 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
525i **A-D OFFSET**  Disappears the color at both ends.	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(525i cb offset) S009: 5i CR OF(525i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 525i component ramp pattern signal. (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128". (7) Set < S001 >(adjustment setting mode change) to set "008" and it change to the 525i A-D offset adjustment setting mode. (8) Adjust < S008 > (525i Cb offset) and < S009 > (525i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen. (9) Set < S001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
1125i **BRIGHTNESS** Set the 0% black part to be brightest. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i gray scale pattern signal . (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128". (7) Set < S001 > (adjustment setting mode change) to set the values "012" and it change to the 1125i black level adjustment setting mode. (8) Adjust < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set < S001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
1125i **A-D OFFSET** Minimize the red and blue noises in the upper half of the screen. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i 30% all white pattern signal. (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Set "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128". (7) Set < S001 > (adjustment setting mode change) to set "013" and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < S014 > (1125i Cr offset) to minimize the blue noise in the upper half of the screen. (10) Set < S001 > to set "000" and it change to the normal mode. (11) Press the [MUTING] key to memoirze the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET  Set the 0% block part to be brightest. 	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen cb offset) S017: RT CR OF (Sub screen cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Set “VIDEO STATUS” to STANDARD. (2) Set “ASPECT” to FULL. (3) Set "COLOR TEMPERATURE" to LOW. (4) Set "MULTI SCREEN" to TWIN. (5) Receive a NTSC 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "1.ADJUST" from the SERVICE MODE. (7) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128". (8) Set < S001 > (adjustment setting mode change) to set “017“ and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust < S016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen. **If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.** (10) Adjust < S017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (See Fig.9) (12) Set < S001 > to set “000“ and it change to the normal mode. (13) Press the [MUTING] key to memoirze the set value.
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	(1) Receive a NTSC 75% all white signal. (2) Set "VIDEO STATUS" to STANDARD. (3) Set "ASPECT" to FULL. (4) Select "COLOR TEMPERATURE" to LOW. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of < S030 >, < S031 >, and < S032 > to "128". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirze the set value.

4.7.4 MTS CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL	Remote control unit Signal generator		[1.ADJUST] T001: IN LEVEL	(1) Receive the any broadcast. (2) Select "1.ADJUST" from the SERVICE MODE. (3) Verify that the < T001 > (IN LEVEL) is set at its initial setting value. (4) Press the [MUTING] key to memorize the set value.
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit	L OUT R OUT	[1.ADJUST] T002: LOW SEP T003: HI SEP	(1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUT pin of the AUDIO OUT, and enlarge the voltage axis. (4) Select "1.ADJUST" from the SERVICE MODE. (5) Set the initial setting value of the < T002 > (LOW SEP). (6) Adjust the < T002 > so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust the < T003> (HI SEP). (8) Press the [MUTING] key to memorize the set value.
 L-Channel signal waveform R-Channel crosstalk portion Minimum 1 cycle				

SECTION 5
TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^{2}C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the Self check Display mode, confirm that the setting of **TV/CATV** SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the Self check Display mode.

(1) Set to "**0 minutes**" using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the service mode.
(3) Press the **[2]** key (SELF_CHK) before the service mode screen disappears.
(4) Press the **[SLEEP TIMER]** key to enter Page 2 of the SELF CHECK MODE.
  - When the **[RETURN+]** key pressed, the first page change screen.

NOTE:

When a number key other than the **[2]** key is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
This is not used in the SELF CHECK. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

TO SAVE FAILURE HISTORY:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

TO CLEAR (RESET) FAILURE HISTORY:

Turn off the power by pressing the [**POWER]** key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

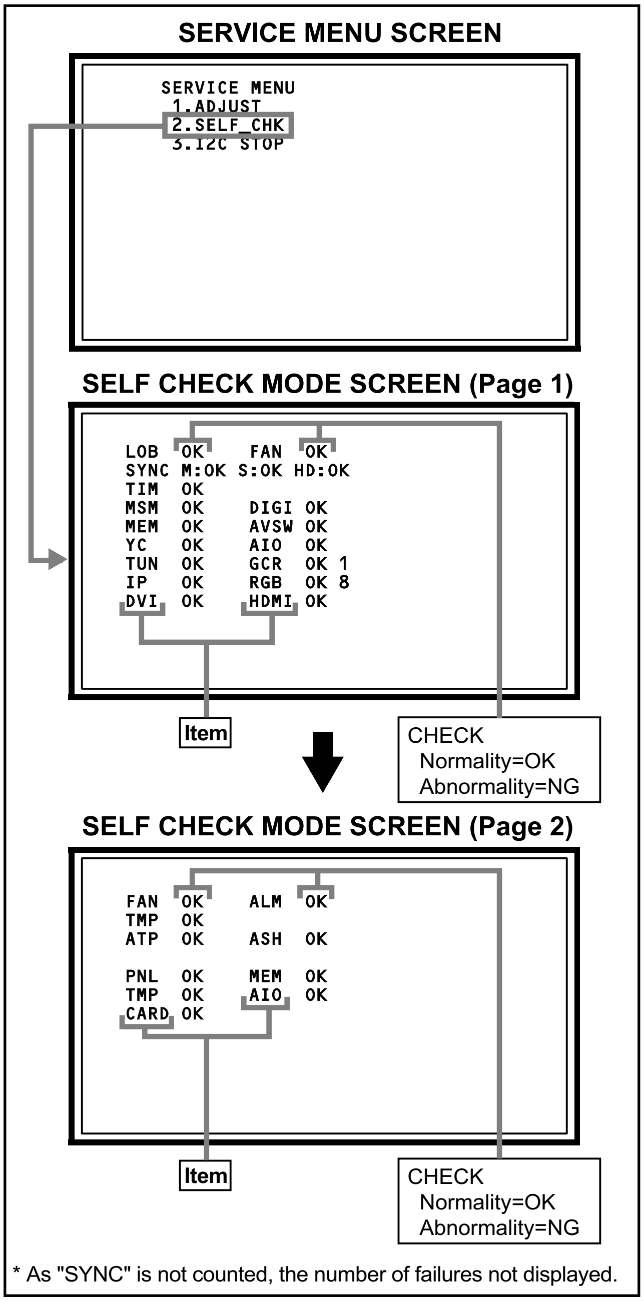
Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^{2}C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.



```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:OK
TIM  OK
MSM  OK    DIGI OK
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  OK 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

```
FAN  OK    ALM  OK
TMP  OK
ATP  OK    ASH  OK

PNL  OK    MEM  OK
TMP  OK    AIO  OK
CARD OK
```

* As "SYNC" is not counted, the number of failures not displayed.

Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bais (5V / 9V) protection circuit. Q2801, Q2802 **[REGULATOR PWB]**	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Confirm the operation of the cooling fan. IC8005 **[FAN CONTROL PWB]**	FAN_LOCK	Detection starts 3 seconds after the power is turned on. If error continues between 250ms the power is turned off.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal IC201 **[ANALOG SIGNAL PWB]**	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. IC7601 **[DIGITAL SIGNAL PWB]**	WAKE	If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.
Digital tuner	DIG	Not used.	---	---
Main memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. IC7602 **[DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. IC301, IC501 **[ANALOG SIGNAL PWB]**	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. IC1001 **[DIGITAL SIGNAL PWB]**	SDA	Same as above.
Multi sound process	AIO	Same as above. IC1140 **[RECEIVER PWB]**	SDA	Same as above.
RF tuner	TUN	Same as above. TU1101 **[RECEIVER PWB]**	SDA	Same as above.
Ghost reduction	GCR	Not used.	---	---
DIST process	IP	Confirmation of reply of ACK signal which uses I^2C communication. IC3001 **[DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Same as above. IC4001 **[DIGITAL SIGNAL PWB]**	SDA	Same as above.
DVI (Digital communication)	DVI	Not used.	---	---
Digital input	HDMI	Confirmation of reply of ACK signal which uses I^2C communication.	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.

< Page 2 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.	---	---
Abnormal of operation of PANEL	ALM	Not used.	---	---
Abnormal rise oftemperature in PANEL	TMP	Not used.	---	---
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.	---	---
Short circuit detection of AUDIO PWB	ASH	Not used.	---	---
Panel communication	PNL	Not used.	---	---
Sub memory	MEM	Not used.	---	---
Temp. sensor	TMP	Not used.	---	---
Audio control	AIO	Not used.	---	---
Abnormal rise of CARD VIEWER PWB **[HD-70G886]**	CARD	Comfirmation of reply of ACK signal which uses SDA communication. **IC1001 [CARD VIEWER PWB]**	SDA	If it checks whenever SDA communication is performed and no reply of ACK signal an error will be counted.

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the POWER LED (blue) and LAMP LED (orange) can light up and display a trouble mode.

The factors in case the power is forcibly shut down at the time of failure are memorized and those are displayed.

Check item	Contents	Classifications	LED flash cycle	
			POWER LED	LAMP LED
Lamp does not light up	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) CN311 **[MAIN DRIVE PWB]**	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Lamp goes out	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) CN311 **[MAIN DRIVE PWB]**	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Lamp cover open	Detection of the interlock switch status for the lamp cover. (H = Abnormal) S0201 **[LAMP COVER SW PWB]**	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Abnormal DD CPU circuit	Detection of serial communication error between MAIN DRIVE PWB and RECEIVER PWB. IC3701 **[MAIN DRIVE PWB]**	2	----------	0.5 sec interval
Fan lock (stop)	Detection of LOCK signals outputting the operation (circuit) status of the cooling fan. (H=Abnormal) IC8005 **[FAN CONTROL PWB]**	1	0.5 sec interval Alternately	0.5 sec interval Alternately
Abnormal D-ILA DEVICE temperature	Detection of abnormal inner cabinet temperature. (53°C) IC2001 **[TEMP. SENSOR PWB]**	1	0.5 sec interval Alternately	0.5 sec interval Alternately

EXPLANATION ON ACTION

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off POWER LED and LAMP LED immediately. After the power is shut down, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

USING P.W. BOARD & REMOTE CONTROL UNIT 3-3
EXPLODED VIEW PARTS LIST -1 [HD-61Z786, HD-61Z886] 3-3
EXPLODED VIEW -1 [HD-61Z786, HD-61Z886] 3-4
EXPLODED VIEW PARTS LIST -2 [HD-61Z786, HD-61Z886] 3-5
EXPLODED VIEW -2 [HD-61Z786, HD-61Z886] 3-5
EXPLODED VIEW PARTS LIST -3 [HD-70G886] 3-6
EXPLODED VIEW -3 [HD-70G886] 3-7
EXPLODED VIEW PARTS LIST -4 [HD-70G886] 3-8
EXPLODED VIEW -4 [HD-70G886] 3-9
EXPLODED VIEW PARTS LIST -5 3-10
EXPLODED VIEW -5 3-11
EXPLODED VIEW PARTS LIST -6 3-12
EXPLODED VIEW -6 3-13

PRINTED WIRING BOARD PARTS LIST [HD-61Z786] 3-14
- ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1022A-M2) 3-14
- REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2) 3-16
- MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2) 3-17
- REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2) 3-21
- FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2) 3-21
- TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2) 3-22
- SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2) 3-22
- POWER P.W. BOARD ASS'Y (SRP-9021A-M2) 3-22
- DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D023A-M2) 3-23
- REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2) 3-30
- SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-31
- FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-31
- LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-31
- RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2) 3-31
- ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2) 3-33

PRINTED WIRING BOARD PARTS LIST [HD-61Z886] 3-34
- ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1022A-M2) 3-34
- REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2) 3-34
- MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2) 3-34
- REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2) 3-34
- FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2) 3-34
- TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2) 3-34
- SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2) 3-34
- POWER P.W. BOARD ASS'Y (SRP-9021A-M2) 3-34
- DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D022A-M2) 3-34
- REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2) 3-41
- SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-41
- FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-41
- LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-41
- RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2) 3-41
- ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2) 3-41

PRINTED WIRING BOARD PARTS LIST [HD-70G886] 3-42
- ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1021A-M2) 3-42
- REGULATOR P.W. BOARD ASS'Y (SRP-2021A-M2) 3-44
- MAIN DRIVE P.W. BOARD ASS'Y (SRP-3010A-M2) 3-45
- REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2) 3-49
- FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2) 3-49
- TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2) 3-49
- SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2) 3-49
- CARD VIEWER P.W. BOARD ASS'Y (SRP-8511A-M2) 3-49
- POWER P.W. BOARD ASS'Y (SRP-9021A-M2) 3-51
- DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D021A-M2) 3-51
- REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2) 3-58
- SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) 3-58
- FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) 3-58
- LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) 3-58
- RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2) 3-58
- ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2) 3-58

REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H) 3-58
PACKING 3-59
PACKING PARTS LIST 3-59

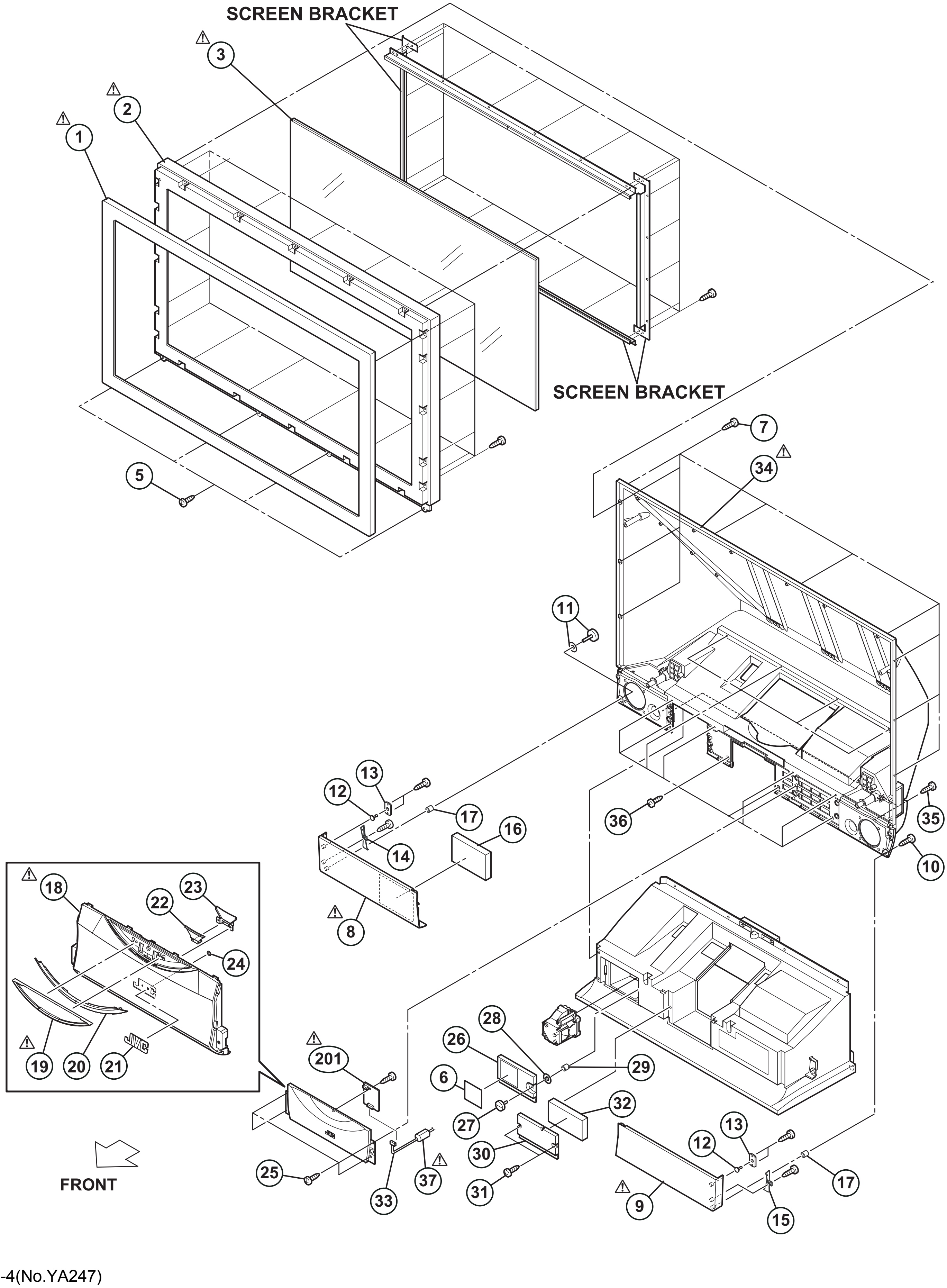
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	HD-61Z786	HD-61Z886	HD-70G886
ANALOG SIGNAL P.W.B	SRP-1022A-M2	←	SRP-1021A-M2
REGULATOR P.W.B	SRP-2022A-M2	←	SRP-2021A-M2
MAIN DRIVE P.W.B	SRP-3006A-M2	←	SRP-3010A-M2
REMOTE SENSOR P.W.B	SRP-8005A-M2	←	←
FAN CONTROL P.W.B	SRP-8106A-M2	←	←
TEMP SENSOR P.W.B	SRP-8206A-M2	←	←
SD CARD P.W.B	SRP-8510A-M2	←	←
CARD VIEWER P.W.B	---	---	SRP-8511A-M2
POWER P.W.B	SRP-9021A-M2	←	←
DIGITAL SIGNAL P.W.B	SRP0D023A-M2	SRP0D022A-M2	SRP0D021A-M2
REAR JACK P.W.B	SRP0J021A-M2	←	←
SIDE CONTROL P.W.B	SRP0L021A-M2	←	←
FRONT LED P.W.B	SRP0L121A-M2	←	←
LAMP COVER SW P.W.B	SRP0L205A-M2	←	←
RECEIVER P.W.B	SRP0R021A-M2	←	←
ATSC TUNER MODULE P.W.B	SSD2104A-M2	←	←
REMOTE CONTROL UNIT	RM-C14G-1H	←	←

EXPLODED VIEW PARTS LIST -1 [HD-61Z786, HD-61Z886]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC11915-001B-A	FRONT PANEL		HD-61Z786
⚠	1	LC11915-002A-A	FRONT PANEL		HD-61Z886
⚠	2	LC11914-001B-A	FRONT CABINET		HD-61Z786
⚠	2	LC11914-003A-A	FRONT CABINET		HD-61Z886
⚠	3	61SC-004A-M2	SCREEN ASSY		
	5	QYSBSFG4016MA	TAP SCREW	For FRONT PANEL(x4)	
	6	LC32880-001A-A	WARNING SHEET		
	7	QYSBSFG4016MA	TAP SCREW	For BACK COVER(x10)	
⚠	8	LC12174-003C-A	SPEAKER GRILL LEFT		HD-61Z786
⚠	8	LC12174-001C-A	SPEAKER GRILL LEFT		HD-61Z886
⚠	9	LC12174-004C-A	SPEAKER GRILL RIGHT		HD-61Z786
⚠	9	LC12174-002C-A	SPEAKER GRILL RIGHT		HD-61Z886
	10	QYSBSFG4016MA	TAP SCREW	For SPEAKER GRILL RIGHT	
	11	LC33041-001A-A	KNOB SCREW	For SPEAKER GRILL LEFT	
	12	LC32692-001A-A	STRIKER	(x2)	
	13	LC32692-002A-A	STRIKER	(x2)	
	14	LC33054-001A-A	GRILL COVER L		
	15	LC33054-002A-A	GRILL COVER R		
	16	LC32897-003A-A	SOUND ABSORBER		
	17	LC41960-001A-A	INSERT NUT		
⚠	18	LC12175-002D-A	CENTER PANEL		HD-61Z786
⚠	18	LC12175-001D-A	CENTER PANEL		HD-61Z886
⚠	19	LC33145-003A-0K	POWER KNOB ASSY		
	20	LC21801-002A-A	ORNAMENT LENS		HD-61Z786
	20	LC21801-001A-A	ORNAMENT LENS		HD-61Z886
	21	LC32707-001A-C	JVC MARK		HD-61Z786
	21	LC32707-002A-C	JVC MARK		HD-61Z886
	22	LC33048-001B-A	LED LENS		
	23	LC33066-001A-A	LENS HOLDER		
	24	QYNSS2000P	PUSH NUT		
	25	QYSBSF4012Z	TAP SCREW	For CENTER PANEL(x4)	
	26	LC12047-001A-A	LAMP COVER		
	27	LC33041-001A-A	KNOB SCREW		
	28	LC41978-001A-A	WASHER		
	29	LC41960-001A-A	INSERT NUT		
	30	LC21590-001C-A	CENTER COVER		
	31	QYSBSFG4016MA	TAP SCREW	For CENTER COVER(x2)	
	32	LC32897-001A-A	SOUND ABSORBER		
	33	WJJ0486-001A	E-SI C WIRE C-C	"FL"	
⚠	34	LC11916-001E-A	BACK COVER		
	35	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	36	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x13)	
⚠	37	QQR0490-001	NOISE FILTER		
⚠	201	SRP0L121A-M2	FRONT LED PWB		

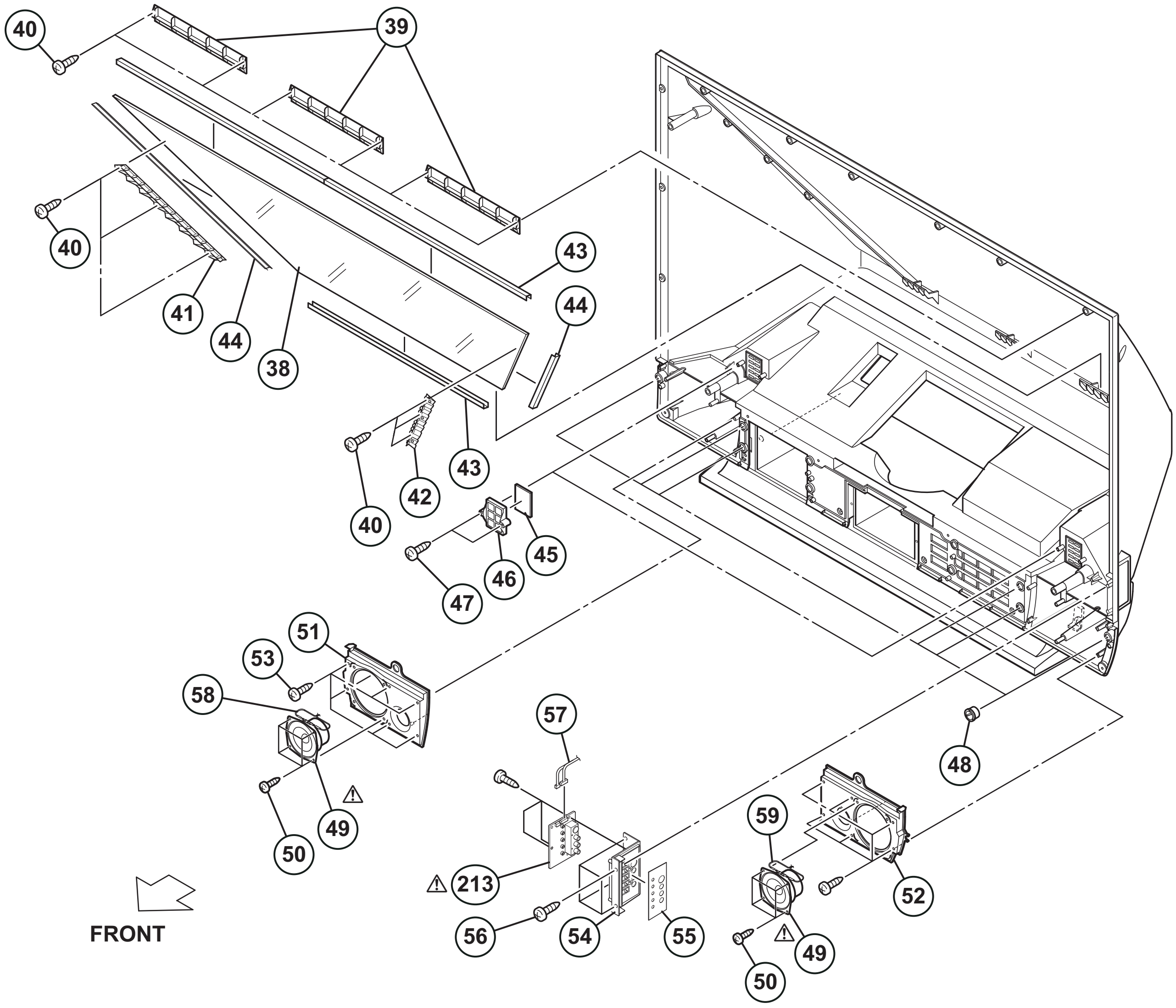
EXPLODED VIEW -1 [HD-61Z786, HD-61Z886]


SCREEN BRACKET
3
2
1
SCREEN BRACKET
5
7
34
11
13
12
17
16
14
36
35
10
8
18
23
22
24
19
20
21
201
28
26
29
6
27
32
30
31
13
12
17
15
9
25
33
37
FRONT

EXPLODED VIEW PARTS LIST -2 [HD-61Z786, HD-61Z886]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	38	LC33055-002A	61" GLASS MIRROR		
	39	LC21537-001A-A	MIRROR HOLDER TOP	(x3)	
	40	QYSBSFG4016MA	TAP SCREW	For MIRROR HOLDER(x12)	
	41	LC21538-001A-A	MIRROR HOLDER LEFT		
	42	LC21538-002A-A	MIRROR HOLDER RIGHT		
	43	LC32447-055A-A	STICK SHEET	(x3)	
	44	LC32447-055A-A	STICK SHEET	(x2)	
	45	LC32621-001A-A	BACK COVER FILTER	(x2)	
	46	LC21539-001A-A	FILTER COVER	(x2)	
	47	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	48	LC32810-001A-A	CATCHER	(x2)	
⚠	49	QAS0251-001	SPEAKER	SP01/SP02(x2)	
	50	QYSBSFG4016MA	TAP SCREW	For SPEAKER(x8)	
	51	LC11950-001B-A	SPEAKER PLATE LEFT		
	52	LC11950-002B-A	SPEAKER PLATE RIGHT		
	53	QYSBSFG4016MA	TAP SCREW	For SPEAKER PLATE(x12)	
	54	LC21805-001A-A	SIDE CONTROL BASE		
	55	LC33046-001A-A	SIDE CONTROL SHEET		
	56	QYSBSFG4016MA	TAP SCREW	For SIDE CONTROL BASE(x4)	
	57	WJZ0151-001A	E-HARNESS ASSY	"FJ"/"SW"	
	58	WJJ0487-001A	E-SI C WIRE C-C	"SPL"	
	59	WJJ0487-002A	E-SI C WIRE C-C	"SPR"	
⚠	213	SRP0L021A-M2	SIDE CONTROL PWB		

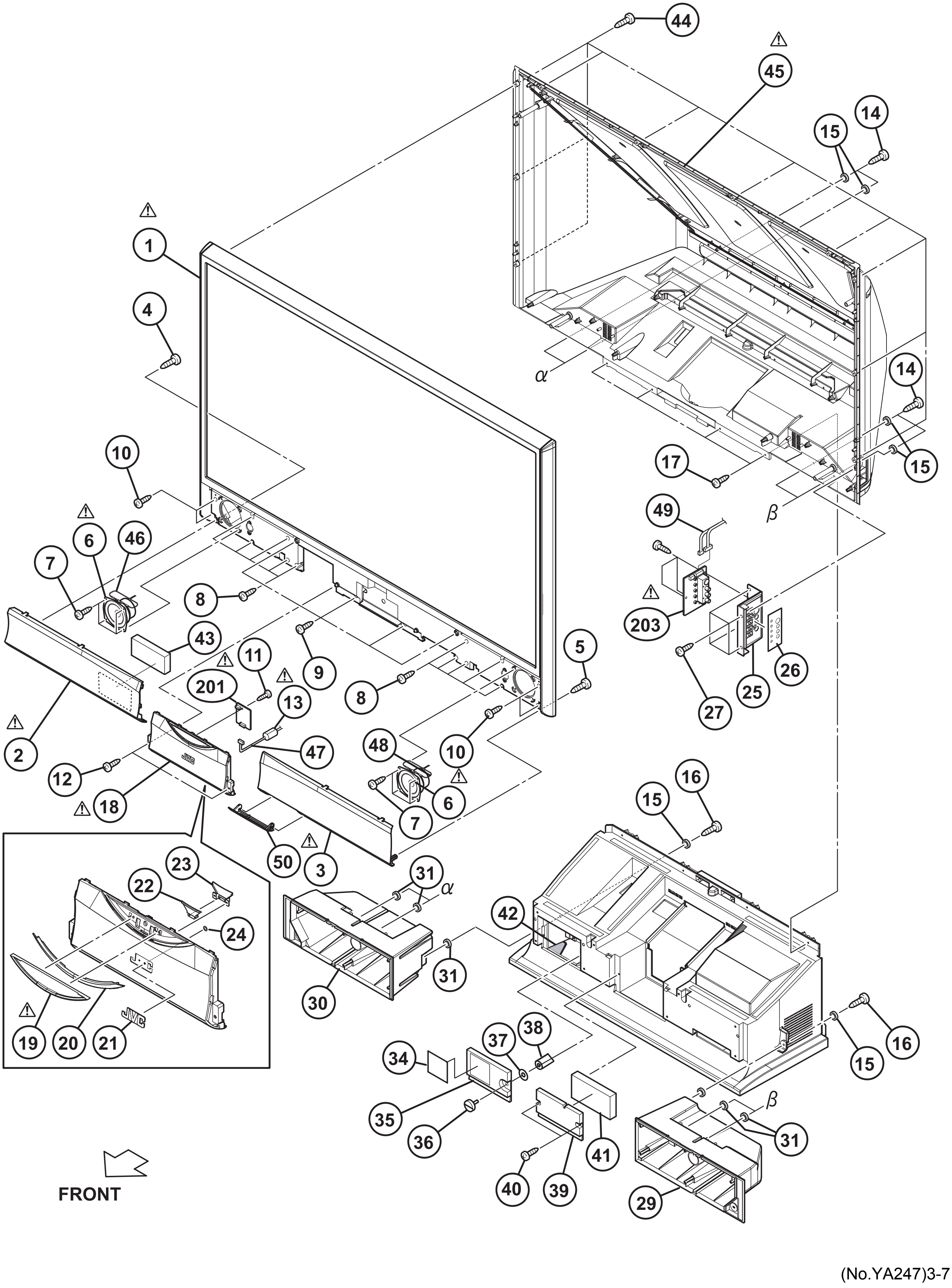
EXPLODED VIEW -2 [HD-61Z786, HD-61Z886]



EXPLODED VIEW PARTS LIST -3 [HD-70G886]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC12132-001D-A	FRONT PANEL		
⚠	2	LC12142-001E-A	SPEAKER GRILL L		
⚠	3	LC12142-002E-A	SPEAKER GRILL R		
	4	LC33041-001A-A	KNOB SCREW	For SPEAKER GRILL	
	5	QYSBSFG4016MA	TAP SCREW	For SPEAKER GRILL	
⚠	6	QAS0251-001	SPEAKER	SP01/SP02(x2)	
	7	QYSBSFG4016MA	TAP SCREW	For SPEAKER(x8)	
	8	QYSBSFG4016MA	TAP SCREW	For FRONT PANEL(x10)	
	9	QYSBSFG4016MA	TAP SCREW	For FRONT PANEL(x4)	
	10	QYSBSFG4016MA	TAP SCREW	For FRONT PANEL(x4)	
	11	QYSBSFG3008Z	TAP SCREW	M3 x 8mm	
	12	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
⚠	13	QQR0490-001	NOISE FILTER		
	14	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	15	LC42165-001A-A	RUBBER WASHER	(x6)	
	16	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	17	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x8)	
⚠	18	LC12141-001C-A	CENTER PANEL		
⚠	19	LC33145-003A-0K	POWER KNOB ASSY		
	20	LC21801-001A-A	ORNAMENT LENS		
	21	LC32412-003A-C	JVC MARK		
	22	LC33048-001B-A	LED LENS		
	23	LC33066-001A-A	LENS HOLDER		
	24	QYNSS3000P	PUSH NUT	M3	
	25	LC21805-001A-A	SIDE CONTROL BASE		
	26	LC33046-001A-A	SIDE CONTROL SHEET		
	27	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	29	LC12143-001A-A	SPEAKER BOX RIGHT		
	30	LC12143-002A-A	SPEAKER BOX LEFT		
	31	LC42165-001A-A	RUBBER WASHER	(x6)	
	34	LC32880-001A-A	WARNING SHEET		
	35	LC12047-001A-A	LAMP COVER		
	36	LC33041-001A-A	KNOB SCREW		
	37	LC41978-001A-A	WASHER		
	38	LC41960-001A-A	INSERT NUT		
	39	LC21590-001C-A	CENTER COVER		
	40	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	
	41	LC32897-001A-A	SOUND ABSORBER		
	42	LC42075-001A-A	LAMP WARNING		
	43	LC32897-003A-A	SOUND ABSORBER		
	44	QYSBSFG4016MA	TAP SCREW	For BACK COVER(x10)	
⚠	45	LC12133-001D-A	BACK COVER		
	46	WJJ0487-003A-E	E-SI C WIRE C-C	"SPL"	
	47	WJJ0487-004A-E	E-SI C WIRE C-C	"SPR"	
	48	WJJ0486-001A	E-SI C WIRE C-C	"FL"	
	49	WJZ0151-002A-E	E-HARNESS ASSY	"FJ"/"SW"	
	50	LC12162-001C-A	DOOR		
⚠	201	SRP0L121A-M2	FRONT LED PWB		
⚠	203	SRP0L021A-M2	SIDE CONTROL PWB		

EXPLODED VIEW -3 [HD-70G886]

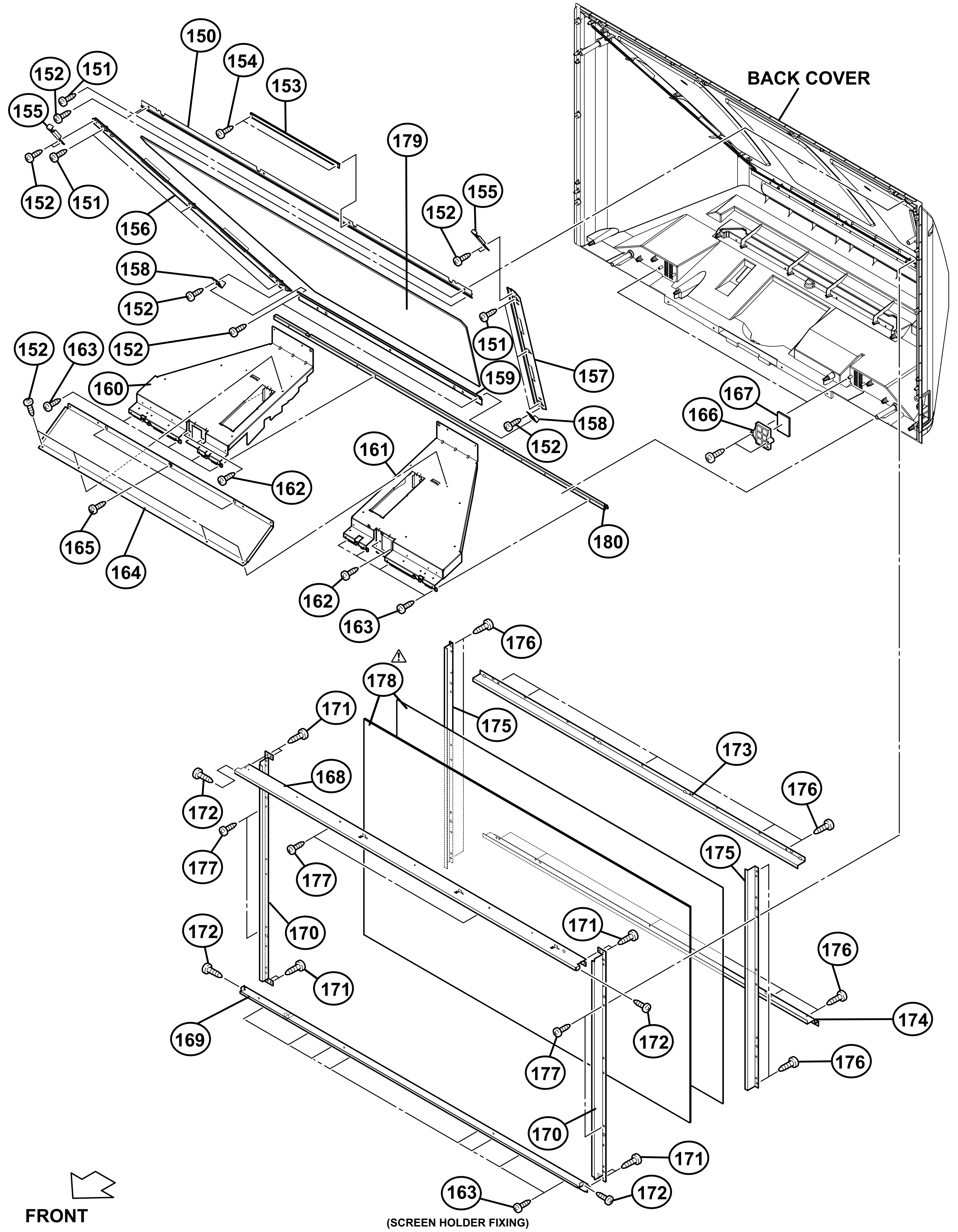


44
45
14
15
1
4
α
14
10
17
15
β
49
6
46
7
8
203
43
11
5
9
201
13
8
26
25
27
2
12
47
48
10
18
6
7
15
16
50
3
31
α
23
22
42
24
31
30
16
19
20
21
34
37
38
15
35
36
β
31
41
40
39
29
FRONT
JVC

EXPLODED VIEW PARTS LIST -4 [HD-70G886]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	150	LC12163-001B-A	MIRROR HOLDER TOP		
	151	QYSBSFG4010ZA	TAP SCREW	M4 x 10mm(x8)	
	152	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x12)	
	153	LC33173-001A-A	MIR HLD SUPPORT		
	154	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm(x2)	
	155	LC33141-001A-A	M HOLDER BKT T	(x2)	
	156	LC12165-002A-A	MIRROR HOLDER LEFT		
	157	LC12165-001A-A	MIRROR HOLDER RIGHT		
	158	LC33140-001A-A	M HOLDER BKT B	(x2)	
	159	LC12164-001B-A	MIRROR HOLDER B		
	160	LC12333-001A-A	BC BRACKET L		
	161	LC12334-001A-A	BC BRACKET R		
	162	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	163	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x8)	
	164	LC12335-001A-A	BC BRACKET REAR		
	165	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	166	LC21539-001A-A	FILTER COVER	(x2)	
	167	LC32621-001A-A	BACK COVER FILTER	(x2)	
	168	LC12167-001B-A	SC HOLDER TF		
	169	LC12171-001B-A	SC HOLDER BF		
	170	LC12169-001B-A	SC HOLDER LRF	(x2)	
	171	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x8)	
	172	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x4)	
	173	LC12168-001C-A	SC HOLDER TB		
	174	LC12172-001C-A	SC HOLDER BB		
	175	LC12170-001C-A	SC HOLDER LRB	(x2)	
	176	QYSBSG4012ZA	TAP SCREW	M4 x 12mm(x14)	
	177	QYSBSF4012Z	TAP SCREW	M4 x 12mm(x6)	
⚠	178	70SC-001A	SCREEN ASSY		
	179	LC33055-001A	70" GLASS MIRROR		
	180	LC12332-001A-A	BC BRACKET FRONT		

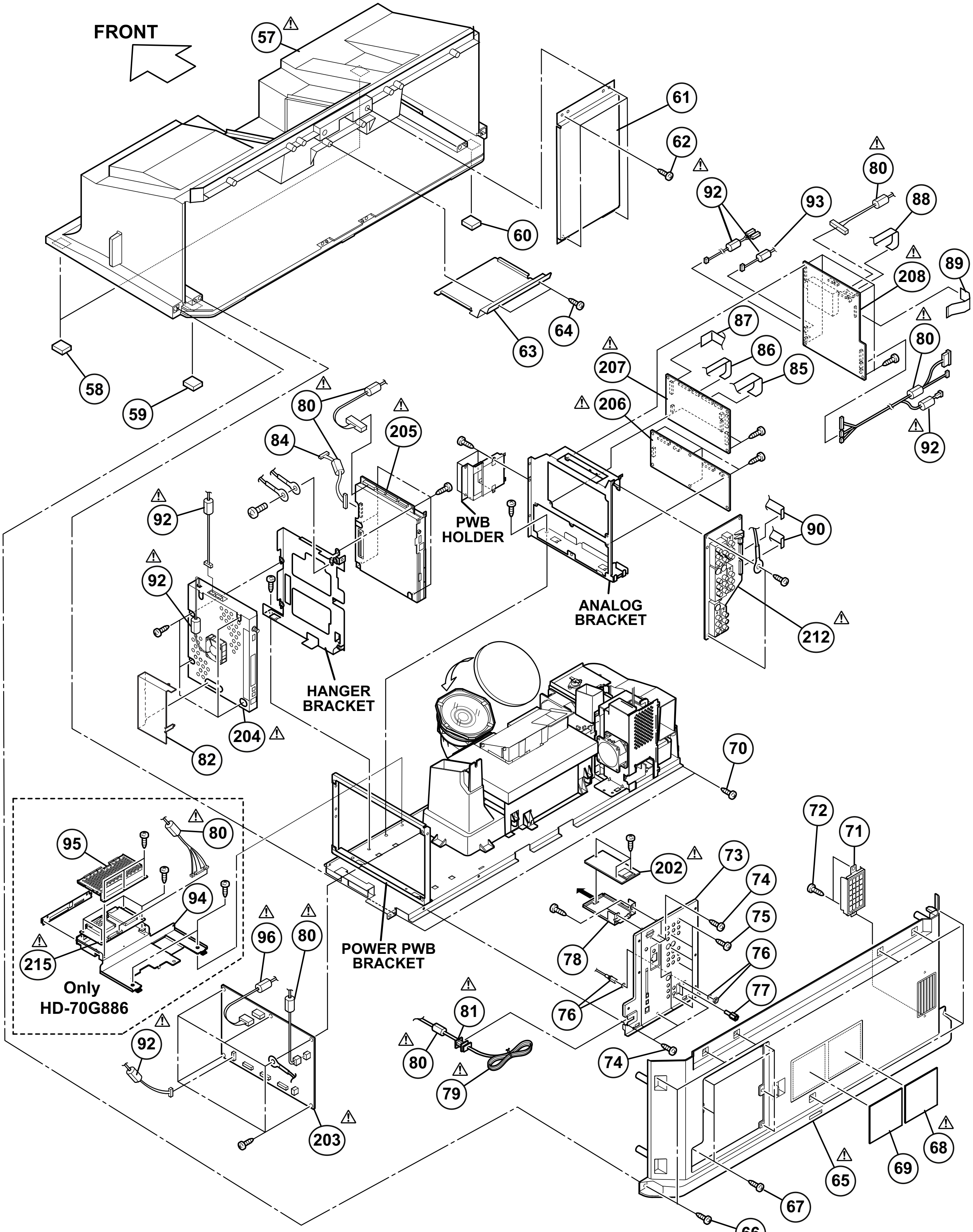
EXPLODED VIEW -4 [HD-70G886]


150
154
153
152
151
155
152
151
179
BACK COVER
156
155
152
158
152
152
151
157
152
163
160
159
158
152
167
166
161
162
165
164
180
162
163
176
178
171
175
173
168
172
176
177
177
175
170
171
172
176
171
174
169
172
177
176
170
171
163
172
(SCREEN HOLDER FIXING)
FRONT

EXPLODED VIEW PARTS LIST -5

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	57	LC11868-008A-A	BODY		HD-61Z786,HD-61Z886
⚠	57	LC11868-006A-A	BODY		HD-70G886
	58	LC32861-001A-A	FOOT FRONT	(x2)	
	59	LC32862-001A-A	FOOT BACK R		
	60	LC32862-002A-A	FOOT BACK L		
	61	LC11943-001B-A	BODY BRACKET		
	62	QYSBSFG4016MA	TAP SCREW	For BODY BRACKET(x4)	
	63	LC32754-001C-A	TOP SHADE BRACKET		
	64	QYSBSFG4016MA	TAP SCREW	For TOP SHADE BRACKET(x2)	
⚠	65	LC11873-001C-A	BODY COVER		
	66	QYSBSFG4016MA	TAP SCREW	For BODY COVER(x9)	
	67	QYSBSG4012Z	TAP SCREW	M4 x 12mm(x6)	
⚠	68	LC33157-001A-A	RATING LABEL		
	69	LC32925-001A-A	LICENSE LABEL		
	70	QYSBSFG4016MA	TAP SCREW	For MAIN UNIT(x2)	
	71	LC21690-001B-A	LAMP DUCT BRACKET		
	72	QYSBSFG4016MA	TAP SCREW	For LAMP DUCT BRACKET(x2)	
	73	LC21880-001B-A	AV BOARD		
	74	QYSBSG4010Z	TAP SCREW	M4 x 10mm(x5)	
	75	QYSBSF3012M	TAP SCREW	M3 x 12mm(x5)	
	76	QAM0493-001	F CABLE		
	77	QNB0036-001	HEX SCREW	(x2)	
	78	LC33073-001A-A	SD CARD BRACKET		
⚠	79	QMPD290-200-JC	POWER CORD(US/CA)	2m BLACK	
⚠	80	QQR0491-001	FERRITE CORE	(x6)	HD-61Z786,HD-61Z886
⚠	80	QQR0491-001	FERRITE CORE	(x7)	HD-70G886
⚠	81	LC20106-001D-A	POWER CORD CLAMP		
	82	LC21835-001B-A	ATSC COVER		
	84	WJW0022-002A	E-TWISTED ASSY		
	85	QUQ105-5013AE	FFC WIRE	50pin 13cm	
	86	QUQ105-3015AE	FFC WIRE	30pin 15cm	
	87	QUQ105-5013AE	FFC WIRE	50pin 13cm	
	88	QUQ105-3015AE	FFC WIRE	30pin 15cm	
	89	QUQ105-4013AE	FFC WIRE	40pin 13cm	
	90	QUQ105-5013AE	FFC WIRE	50pin 13cm(x2)	
⚠	92	QQR0490-001	NOISE FILTER	(x6)	
	93	QJJ015-052820	SIN CR C-C WIRE		
	94	LC21842-001B-A	CARD BRACKET ASSY		HD-70G886
	95	LC33049-001B-A	CARD SHIELD COVER		HD-70G886
⚠	96	QQR0675-001	CORE FILTER		
⚠	202	SRP-8510A-M2	SD CARD PWB		
⚠	203	SRP-9021A-M2	POWER PWB		
⚠	204	SSD-2104A-M2	ATSC TUNER MODULE PWB	Inc.COOLING FAN	
⚠	205	SRP0D023A-M2	DIGITAL SIGNAL PWB		HD-61Z786
⚠	205	SRP0D022A-M2	DIGITAL SIGNAL PWB		HD-61Z886
⚠	205	SRP0D021A-M2	DIGITAL SIGNAL PWB		HD-70G886
⚠	206	SRP-2022A-M2	REGULATOR PWB		HD-61Z786,HD-61Z886
⚠	206	SRP-2021A-M2	REGULATOR PWB		HD-70G886
⚠	207	SRP-1022A-M2	ANALOG SIGNAL PWB		HD-61Z786,HD-61Z886
⚠	207	SRP-1021A-M2	ANALOG SIGNAL PWB		HD-70G886
⚠	208	SRP0R021A-M2	RECEIVER PWB		
⚠	212	SRP0J021A-M2	REAR JACK PWB		
⚠	215	SRP-8511A-M2	CARD VIEWER PWB		HD-70G886

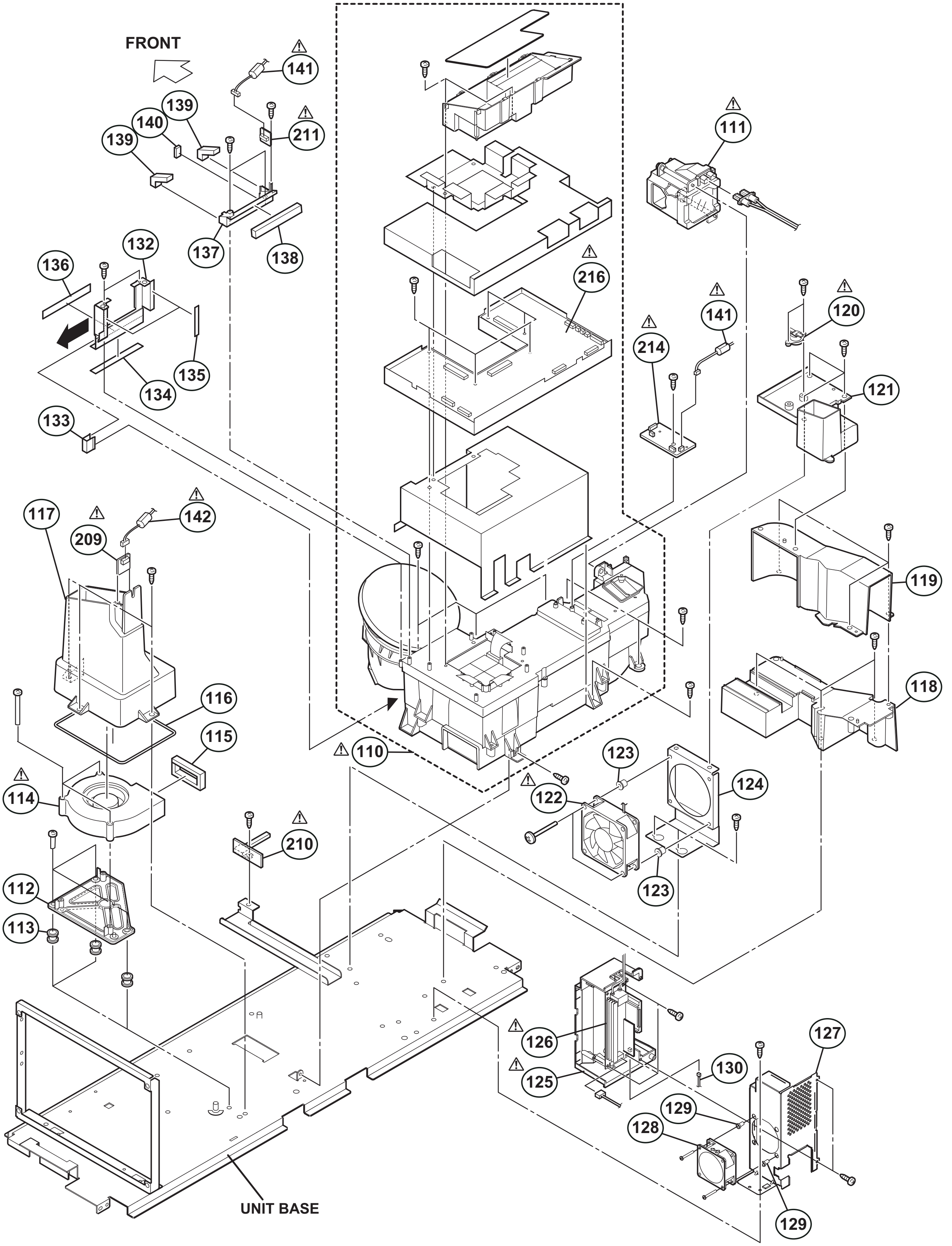
EXPLODED VIEW -5


FRONT
57
61
62
92
80
93
88
60
208
89
64
63
87
86
85
80
207
206
92
58
59
80
205
84
92
PWB HOLDER
90
92
ANALOG BRACKET
212
HANGER BRACKET
204
82
70
72
71
95
80
202
73
74
75
94
78
76
77
96
80
215
POWER PWB BRACKET
Only HD-70G886
81
76
92
80
74
79
203
65
68
69
67
66

EXPLODED VIEW PARTS LIST -6

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	110	TS-COP6A-SAA	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS	HD-61Z786,HD-61Z886
⚠	110	TS-COP6B-SAA	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS	HD-70G886
⚠	111	TS-CL110UAA	LAMP UNIT	Inc.Accessory	
	112	LC21682-001B-A	SIROCCO HOLDER		
	113	LC40113-002A-A	SPACER(CUSHION)	(x3)	
⚠	114	QAR0335-001	COOLING FAN		
	115	LC32447-026A-A	STICK SHEET		
	116	LC32447-027A-A	STICK SHEET		
	117	LC11886-001C-A	SIROCCO CASE TOP		
	118	LC11889-001D-A	LAMP DUCT BOTTOM		
	119	LC11888-001D-A	LAMP DUCT TOP		
⚠	120	QMR0011-001	TH PROTECTOR		
	121	LC11967-001E-A	DUCT PCS		
⚠	122	QAR0354-001	COOLING FAN		
	123	LC42034-001A-A	WELL NUT	(x2)	
	124	LC21811-001A-A	LAMP FAN HOLDER		
⚠	125	LC12146-001B-A	BALLAST CASE		
⚠	126	QAL0676-001	LAMP BALLAST UNIT		
	127	LC21791-001A-A	BALLAST BRACKET		
	128	QAR0332-001	COOLING FAN		
	129	LC42034-001A-A	WELL NUT	(x2)	
	130	QWTB73H-060	VINYL TUBE		
	132	LC21730-001A-A	FRONT SHADE BKT		
	133	LC41843-001A-C	CLIP SPRING		
	134	LC41546-016A-C	GASKET		
	135	LC41546-017A-C	GASKET	(x2)	
	136	LC32447-033A-A	STICK SHEET		
	137	LC11986-001C-A	SHADE COVER		
	138	LC32447-028A-A	STICK SHEET		
	139	LC32447-034A-A	STICK SHEET	(x2)	
	140	LC42027-002A-A	PJ CUSHION		
⚠	141	QQR0491-001	FERRITE CORE	(x2)	
⚠	142	QQR0490-001	NOISE FILTER		
⚠	209	SRP-8206A-M2	TEMP SENSOR PWB		
⚠	210	SRP0L205A-M2	LAMP COVER SW PWB		
⚠	211	SRP-8005A-M2	REMOTE SENSOR PWB		
⚠	214	SRP-8106A-M2	FAN CONTROL PWB		
⚠	216	SRP-3006A-M2	MAIN DRIVE PWB		HD-61Z786,HD-61Z886
⚠	216	SRP-3010A-M2	MAIN DRIVE PWB		HD-70G886

EXPLODED VIEW -6


FRONT
⚠ 141
139
140
139
⚠ 211
137
138
⚠ 111
136
132
⚠ 216
134
135
⚠ 214
⚠ 141
⚠ 120
121
133
117
⚠ 209
⚠ 142
119
116
115
118
⚠ 110
123
⚠ 114
⚠ 122
124
⚠ 210
123
112
113
⚠ 126
⚠ 125
130
127
129
128
129
UNIT BASE

PRINTED WIRING BOARD PARTS LIST [HD-61Z786]

ANALOG SIGNAL P.W. BOARD ASS'Y
(SRP-1022A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC502	MM1510XN-X	IC		
IC503	MM1510XN-X	IC		
IC504	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC801	TB1274BFG	IC		
IC802	TC90A69AF-X	IC		
IC803	BA50BC0FP-X	IC		
IC902	TA48M033F-X	IC		
Q301	2SC3837K/NP/-X	TRANSISTOR		
Q302	2SC3837K/NP/-X	TRANSISTOR		
Q303	2SC3837K/NP/-X	TRANSISTOR		
Q304	2SC3837K/NP/-X	TRANSISTOR		
Q305	2SC3837K/NP/-X	TRANSISTOR		
Q306	2SC3837K/NP/-X	TRANSISTOR		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q507	2SA1530A/QR/-X	TRANSISTOR		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q509	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB301	MA8100/M/-X	Z DIODE		
DB302	MA8100/M/-X	Z DIODE		
DB601	MA111-X	SI DIODE		
DB602	MA111-X	SI DIODE		
DB605	MA111-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C313	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C315	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C317	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C318	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C349	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C355	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C356	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C357	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C403	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C405	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C406	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C515	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C516	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C517	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C519	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C520	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C524	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C525	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C526	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C527	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C801	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C802	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C803	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEH71EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C828	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C879	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C890	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB401	NEH71HM-105X	E CAPACITOR	1uF 50V M	
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB613	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R231	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R337	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R338	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R339	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R375	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R385	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R395	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R532	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R533	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R579	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R580	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R581	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R672	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R674	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB625	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL914K-101X	COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	COIL	6.8uH K	
L852	NQL092K-6R8X	COIL	6.8uH K	
L853	NQL092K-6R8X	COIL	6.8uH K	
L854	NQL092M-270X	CHIP P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30-T2	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	PQ120RDA1SZ	IC		
IC2101	PQ1CG2032FZ	IC		
IC2201	PQ1CG2032FZ	IC		
IC2301	MP1580HS-X	IC		
IC2401	MP1580HS-X	IC		
IC2701	M62320FP-X	IC		
IC2702	BA50BC0FP-X	IC		
Q2801	2SC3928A/QR/-X	TRANSISTOR		
Q2802	2SC3928A/QR/-X	TRANSISTOR		
Q2803	2SC3928A/QR/-X	TRANSISTOR		
Q2804	2SC3928A/QR/-X	TRANSISTOR		
Q2805	2SA1530A/QR/-X	TRANSISTOR		
Q2806	UN2213-X	DIGI TRANSISTOR		
Q2807	UN2213-X	DIGI TRANSISTOR		
D2001	D1FS4-X	SB DIODE		
D2002	MA111-X	SI DIODE		
D2102	FSQ05A04	SB DIODE		
D2103	MTZJ11B-T2	Z DIODE		
D2202	FSQ05A04	SB DIODE		
D2203	MTZJ6.8B-T2	Z DIODE		
D2302	EC30HA03L-X	SB DIODE		
D2303	EC30HA03L-X	SB DIODE		
D2304	MTZJ3.9B-T2	Z DIODE		
D2401	MA111-X	SI DIODE		
D2402	EC30HA03L-X	SB DIODE		
D2403	EC30HA03L-X	SB DIODE		
D2404	MTZJ3.9B-T2	Z DIODE		
D2701	MA8051/M/-X	Z DIODE		
D2801	MA111-X	SI DIODE		
D2802	MA8051/M/-X	Z DIODE		
D2803	MA111-X	SI DIODE		
D2804	MA111-X	SI DIODE		
D2805	MA111-X	SI DIODE		
D2806	MA8051/M/-X	Z DIODE		
D2807	MA111-X	SI DIODE		
D2808	MA111-X	SI DIODE		
D2809	MA111-X	SI DIODE		
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2102	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C2103	QEZ0255-128	E CAPACITOR	1200uF 16V M	
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2202	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C2203	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2207	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2303	QCZ0397-106Z	C CAPACITOR	10uF	
C2304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2305	QCZ0396-226Z	C CAPACITOR	22uF	
C2306	QCZ0396-226Z	C CAPACITOR	22uF	
C2308	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C2309	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2311	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2401	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C2403	QCZ0397-106Z	C CAPACITOR	10uF	
C2404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2405	QCZ0396-226Z	C CAPACITOR	22uF	
C2406	QCZ0396-226Z	C CAPACITOR	22uF	
C2408	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C2409	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2411	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2701	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2703	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2801	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2802	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D	
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2107	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2201	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R2202	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R2204	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2205	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2206	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2301	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2303	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2304	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2305	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2306	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D	
R2307	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R2308	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2309	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2310	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2401	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2402	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R2403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2404	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2406	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R2407	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R2408	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	

⚠Ref No.	Part No.	Part Name	Description	Local
R2409	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2410	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2808	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2809	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2810	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2811	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2813	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2814	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2815	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2816	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2818	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2819	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2820	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2901	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2902	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2903	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2904	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2905	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L2102	QQR1401-001	CHOKE COIL		
L2202	QQR1401-001	CHOKE COIL		
L2302	QQL28AK-150	COIL	15uH K	
L2402	QQL28AK-150	COIL	15uH K	

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3001	THC63LVDF84B-W	IC		
IC3101	ASI5100	IC(DILA DRIVER)		
IC3102	K4S161622H-UC60	IC		
IC3103	K4S161622H-UC60	IC		
IC3104	K4S161622H-UC60	IC		
IC3105	K4S161622H-UC60	IC		
IC3161	LMC6024IM-X	IC		
IC3162	BA15218F-XE	IC		
IC3163	EL1519CS-X	IC		
IC3201	ASI5100	IC(DILA DRIVER)		
IC3202	K4S161622H-UC60	IC		
IC3203	K4S161622H-UC60	IC		
IC3204	K4S161622H-UC60	IC		
IC3205	K4S161622H-UC60	IC		
IC3206	SN74LVC1G125V-X	IC		
IC3261	LMC6024IM-X	IC		
IC3262	BA15218F-XE	IC		
IC3263	EL1519CS-X	IC		
IC3301	ASI5100	IC(DILA DRIVER)		
IC3302	K4S161622H-UC60	IC		
IC3303	K4S161622H-UC60	IC		
IC3304	K4S161622H-UC60	IC		
IC3305	K4S161622H-UC60	IC		
IC3361	LMC6024IM-X	IC		
IC3362	BA15218F-XE	IC		
IC3363	EL1519CS-X	IC		
IC3701	AT89C51RD2RLTIM	IC		
IC3743	CD74HC4053PW-X	IC		
IC3801	XC2S100E6FT256C	IC		
IC3802	XCF01VO20CP03-X	IC		
IC3803	HY57643220CT7	IC		
IC3891	R1170H181B-X	IC		
IC3901	SI-8011NVS-X	IC		
IC3902	PQ1CY1032Z-W	IC		
IC3903	LM2941S-W	IC		
IC3904	LM2991S-W	IC		
IC3905	BA50BC0FP-X	IC		
IC3906	PQ20WZ11-X	IC		
Q3702	UN2211-X	TRANSISTOR		
Q3801	UN2211-X	TRANSISTOR		
Q3802	UN2211-X	TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	UN2211-X	TRANSISTOR		
Q3903	UN2211-X	TRANSISTOR		
Q3904	2SC3928A/QR/-X	TRANSISTOR		
D3161	MA8056/M/-X	Z DIODE		
D3261	MA8056/M/-X	Z DIODE		
D3361	MA8056/M/-X	Z DIODE		
D3701	STZ6.8N-X	Z DIODE		
D3702	STZ6.8N-X	Z DIODE		
D3703	STZ6.8N-X	Z DIODE		
D3704	STZ6.8N-X	Z DIODE		
D3705	STZ6.8N-X	Z DIODE		
D3706	STZ6.8N-X	Z DIODE		
D3707	STZ6.8N-X	Z DIODE		
D3708	STZ6.8N-X	Z DIODE		
D3741	STZ6.8N-X	Z DIODE		
D3742	STZ6.8N-X	Z DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
C3001	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3003	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3007	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3161	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3171	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3172	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3191	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3193	NEHL1CM-106X	E CAPACITOR	10uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C3195	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3199	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3253	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3261	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3263	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3271	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3272	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3291	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3293	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3295	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3299	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3361	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3363	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3371	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3372	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3391	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3393	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3395	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3399	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3701	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3703	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3709	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3827	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3829	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3830	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3831	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3833	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3834	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3835	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3836	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3838	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3840	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3851	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3852	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3853	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3854	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3855	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3856	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C3861	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3863	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3864	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3865	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3866	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3867	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3868	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3869	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3870	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3872	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3873	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3874	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3881	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3882	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3893	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3894	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3895	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C3896	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3897	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3913	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M	
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3934	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C3936	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C3951	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3953	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3958	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3960	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3965	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3967	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3969	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3972	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R3001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3009	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3011	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3012	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3013	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3014	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3106	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3107	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3121	NQR0271-001X	EMI FILTEROR		
R3122	NQR0271-001X	EMI FILTEROR		
R3123	NQR0271-001X	EMI FILTEROR		

⚠Ref No.	Part No.	Part Name	Description	Local
R3124	NQR0271-001X	EMI FILTEROR		
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3131	NQR0271-001X	EMI FILTEROR		
R3132	NQR0271-001X	EMI FILTEROR		
R3133	NQR0271-001X	EMI FILTEROR		
R3134	NQR0271-001X	EMI FILTEROR		
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3146	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3147	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3167	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3168	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3169	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3170	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3171	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3182	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3183	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3184	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3185	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3186	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3187	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3188	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
R3189	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3190	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3203	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3207	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3221	NQR0271-001X	EMI FILTEROR		
R3222	NQR0271-001X	EMI FILTEROR		
R3223	NQR0271-001X	EMI FILTEROR		
R3224	NQR0271-001X	EMI FILTEROR		
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3231	NQR0271-001X	EMI FILTEROR		
R3232	NQR0271-001X	EMI FILTEROR		
R3233	NQR0271-001X	EMI FILTEROR		
R3234	NQR0271-001X	EMI FILTEROR		
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3246	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3247	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3248	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R3249	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3255	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3256	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3258	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3262	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3264	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3266	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3267	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3268	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3269	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3270	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3271	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3272	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3281	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3282	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3283	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3284	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3285	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3286	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3287	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3288	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
R3289	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3290	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3292	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3303	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3306	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3307	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTEROR		
R3322	NQR0271-001X	EMI FILTEROR		
R3323	NQR0271-001X	EMI FILTEROR		
R3324	NQR0271-001X	EMI FILTEROR		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTEROR		
R3332	NQR0271-001X	EMI FILTEROR		
R3333	NQR0271-001X	EMI FILTEROR		
R3334	NQR0271-001X	EMI FILTEROR		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3347	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3362	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3364	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3366	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	

⚠Ref No.	Part No.	Part Name	Description	Local
R3367	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3368	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3369	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3370	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3371	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3381	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3382	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3383	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3384	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3385	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3386	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3387	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3388	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
R3389	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3390	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3723	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3733	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3735	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3736	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3737	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3783	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3801	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3802	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3803	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3804	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3805	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3806	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3807	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3808	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3813	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3814	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3815	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3816	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3817	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3818	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3819	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3820	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3827	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3828	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3829	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3831	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3832	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3833	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3834	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3835	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3839	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3841	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3843	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3844	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3845	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3846	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3847	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3848	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3851	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3852	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3853	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3854	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3855	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3858	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3859	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3860	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3861	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3862	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3863	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3864	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3881	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3882	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3892	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3906	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J	
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3933	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3934	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D	
R3935	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3951	NRSA63D-391X	MG RESISTOR	390Ω 1/16W D	
R3952	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3953	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3957	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3958	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3959	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3970	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3971	NRSA63D-471X	MG RESISTOR	470Ω 1/16W D	
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
L3701	NQL092K-2R2X	COIL	2.2uH K	
L3901	NQL51EM-100X	COIL	10uH M	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	

⚠Ref No.	Part No.	Part Name	Description	Local
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3001	NQR0413-003X	FERRITE BEADS		
K3191	NQR0413-003X	FERRITE BEADS		
K3192	NQR0413-003X	FERRITE BEADS		
K3193	NQR0413-003X	FERRITE BEADS		
K3194	NQR0413-003X	FERRITE BEADS		
K3291	NQR0413-003X	FERRITE BEADS		
K3292	NQR0413-003X	FERRITE BEADS		
K3293	NQR0413-003X	FERRITE BEADS		
K3294	NQR0413-003X	FERRITE BEADS		
K3391	NQR0413-003X	FERRITE BEADS		
K3392	NQR0413-003X	FERRITE BEADS		
K3393	NQR0413-003X	FERRITE BEADS		
K3394	NQR0413-003X	FERRITE BEADS		
K3701	NQR0413-003X	FERRITE BEADS		
K3741	NQR0413-003X	FERRITE BEADS		
K3742	NQR0413-003X	FERRITE BEADS		
K3743	NQR0413-003X	FERRITE BEADS		
K3744	NQR0413-003X	FERRITE BEADS		
K3851	NQR0413-003X	FERRITE BEADS		
K3852	NQR0413-003X	FERRITE BEADS		
K3861	NQR0413-003X	FERRITE BEADS		
K3881	NQR0413-003X	FERRITE BEADS		
K3891	NQR0413-003X	FERRITE BEADS		
K3892	NQR0413-003X	FERRITE BEADS		
X3202	NAX0736-001X	CXO		
X3701	NAX0672-001X	CRYSTAL		
X3881	NAX0587-001X	CXO	54MHz	

REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	GP1UM281QK	IR DETECT UNIT	38kHz	
D8001	MA8068-X	Z DIODE		
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN800R	WJK0174-001A	E-SI C WIRE C-B		

FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	LM2941S-W	IC		
IC8002	PQ20WZ11-X	IC		
IC8003	PQ20WZ11-X	IC		
IC8005	SN74HC32NS-X	IC (DIGITAL)		
Q8001	2SC3928A/QR/-X	TRANSISTOR		
Q8002	2SC3928A/QR/-X	TRANSISTOR		
Q8003	2SC3928A/QR/-X	TRANSISTOR		
Q8004	2SC3928A/QR/-X	TRANSISTOR		
Q8005	2SC3928A/QR/-X	TRANSISTOR		
D8001	STZ6.8N-X	Z DIODE		
D8002	STZ6.8N-X	Z DIODE		
D8003	STZ6.8N-X	Z DIODE		
C8001	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8003	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8004	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C8009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8010	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C8011	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8018	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C8019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8020	NEHL1CM-476X	E CAPACITOR	47uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C8021	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
R8001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8003	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R8004	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8005	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8006	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R8011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8012	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8013	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R8014	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R8015	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8016	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8021	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8023	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8024	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8025	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8026	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R8031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8032	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8033	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R8034	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8035	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8036	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R8041	NRZ0040-103X	NET RESISTOR	10kΩ 1/16W J x4	
R8042	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	LM75CIM-5-X	IC		
D2001	STZ6.8N-X	Z DIODE		
C2002	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	W81386D-G	IC		
C1001	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C1002	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1003	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1004	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1005	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C1006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C1007	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C1009	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1010	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1011	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1012	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
R1001	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1003	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1004	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1008	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1011	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1012	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1014	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1027	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
RA1001	NRZ0040-473X	NET RESISTOR	47kΩ 1/16W J x4	
RA1002	NRZ0040-473X	NET RESISTOR	47kΩ 1/16W J x4	
L1001	NQR0506-001X	EMI FILTER		

⚠Ref No.	Part No.	Part Name	Description	Local
LC1001	NQR0415-001X	EMI FILTER	1uF 10V M	
X1001	NAX0644-001X	CRYSTAL	6.000000MHz	

POWER P.W. BOARD ASS'Y (SRP-9021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9141	BA50BC0FP-X	IC		
⚠IC9211	MC33262D-X	IC		
IC9301	BAJ5CC0FP-X	IC		
IC9501	STR-W6765-F5	IC		
Q9021	2SC3928A/QR/-X	TRANSISTOR		
Q9211	2SK2698-LB	POWER MOS FET		
Q9212	2SC3928A/QR/-X	TRANSISTOR		
Q9213	IMD3A-W	TRANSISTOR		
Q9215	2SC3928A/QR/-X	TRANSISTOR		
Q9251	UN2213-X	DIGI TRANSISTOR		
Q9252	UN2213-X	DIGI TRANSISTOR		
Q9255	2SC3928A/QR/-X	TRANSISTOR		
Q9281	2SA1530A/QR/-X	TRANSISTOR		
Q9283	2SC3928A/QR/-X	TRANSISTOR		
Q9284	UN2211-X	TRANSISTOR		
D9001	MA8047-X	Z DIODE		
D9021	MA111-X	SI DIODE		
D9111	S1WB/A/60-4101	BRIDGE DIODE		
⚠D9201	RBV-606	BRIDGE DIODE		
D9202	MA111-X	SI DIODE		
D9211	YG972S6R	SI DIODE		
D9213	MA111-X	SI DIODE		
D9214	MA111-X	SI DIODE		
D9251	MA8068/M/-X	Z DIODE		
D9252	MA111-X	SI DIODE		
D9253	MA111-X	SI DIODE		
D9254	D1FL20U-X	SI DIODE		
D9281	MA8024-X	Z DIODE		
D9282	MA111-X	SI DIODE		
D9301	D1FS4-X	SB DIODE		
D9501	SARS01-T2	SI DIODE		
D9502	SARS01-T2	SI DIODE		
D9503	RGP10J-04TS-T3	SI DIODE		
D9504	D1FS4-X	SB DIODE		
D9505	MTZJ33B-T2	Z DIODE		
D9506	D1FL20U-X	SI DIODE		
D9507	MA111-X	SI DIODE		
D9510	MA111-X	SI DIODE		
D9511	D1FS4-X	SB DIODE		
D9512	D1FL20U-X	SI DIODE		
D9514	MTZJ13B-T2	Z DIODE		
D9551	HER202G-FL	SI DIODE		
D9552	HER202G-FL	SI DIODE		
D9553	FME-220A	SB DIODE		
D9554	RGP10J-04TS-T3	SI DIODE		
D9555	MTZJ15B-T2	Z DIODE		
D9556	MTZJ16C-T2	Z DIODE		
D9557	RGP10J-04TS-T3	SI DIODE		
D9701	UTCTL431-T	IC		
⚠C9001	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
⚠C9002	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
⚠C9011	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9013	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9101	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
⚠C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
⚠C9103	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
C9111	QEHQ2GM-226	E CAPACITOR	22uF 400V M	
C9141	QECR1CM-477Z	E CAPACITOR	470uF 16V M	
C9142	QEHR1AM-337Z	E CAPACITOR	330uF 10V M	
C9143	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
⚠C9197	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9198	QCZ9079-222	C CAPACITOR	2200pF AC250V M	
⚠C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9202	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
C9211	QFZ0213-155	MM CAPACITOR	1.5uF 400V K	
C9212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9213	NCB21CK-684X	C CAPACITOR	0.68uF 16V K	
C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M	
C9216	QEZ0650-227	E CAPACITOR	220uF 450V M	
C9217	QCZ0340-471	C CAPACITOR	470pF 2kV K	
C9218	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C9219	QCZ0122-471	C CAPACITOR	470pF 2kV K	
C9251	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C9252	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C9281	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C9301	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C9302	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9303	NCF11EZ-105X	C CAPACITOR	1uF 25V Z	
C9501	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9503	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9504	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
C9505	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C9506	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9507	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9508	QCZ0340-471	C CAPACITOR	470pF 2kV K	
C9510	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9511	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9512	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9555	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9556	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9559	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9560	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9562	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9563	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9564	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9565	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9566	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9567	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9568	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9569	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9703	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
⚠R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
R9003	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9004	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9021	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9141	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	
R9142	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J	
R9148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9201	QRZ0121-200	UNF WW RESISTOR	20Ω 5W J	
R9203	QRG01GJ-181	OMF RESISTOR	180Ω 1W J	
R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9215	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9218	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
R9220	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9221	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9222	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9223	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9224	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9233	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9258	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9259	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9281	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9282	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9283	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9284	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9285	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9288	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R9289	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9290	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9292	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R9301	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
R9501	QRL039J-104	OMF RESISTOR	100kΩ 3W J	
R9502	QRL039J-333	OMF RESISTOR	33kΩ 3W J	
R9503	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9504	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J	

⚠Ref No.	Part No.	Part Name	Description	Local
⚠R9506	QRZ9017-120	FUSI RESISTOR	12Ω 1/4W J	
R9507	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J	
R9508	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
R9510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9511	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9512	QRX01GJ-R47	MF RESISTOR	0.47Ω 1W J	
R9514	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
⚠R9515	QRZ9009-4R7	FUSI RESISTOR	4.7Ω 1/2W J	
R9516	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9551	QRT039J-R47	MF RESISTOR	0.47Ω 3W J	
R9552	QRT039J-R47	MF RESISTOR	0.47Ω 3W J	
R9553	QRL029J-331	OMF RESISTOR	330Ω 2W J	
R9554	QRG01GJ-222	OMF RESISTOR	2.2kΩ 1W J	
R9559	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R9562	QRL029J-101	OMF RESISTOR	100Ω 2W J	
R9701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9705	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9706	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R9707	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠R9991	QRZ9046-685Z	C RESISTOR	6.8MΩ 1/2W K	
L9141	QQL26AK-470Z	CHOKE COIL	47uH K	
L9202	QQR1468-001	CHOKE COIL		
⚠T9121	QAL0425-001	POWER MODULE		
⚠T9501	QQS0330-001	SW TRANSF		
⚠CP9121	QMFZ052-2R0-E	FUSE	2A AC250V	
⚠CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9554	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9555	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9556	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9557	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V	
⚠K9111	NQR0413-003X	FERRITE BEADS		
K9211	QQR0621-002Z	FERRITE BEADS		
K9212	QQR0621-002Z	FERRITE BEADS		
K9501	QQR0621-002Z	FERRITE BEADS		
K9502	QQR0621-002Z	FERRITE BEADS		
K9551	QQR0621-002Z	FERRITE BEADS		
K9552	QQR0621-002Z	FERRITE BEADS		
K9553	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
⚠LF9001	QQR1542-001	LINE FILTER		
⚠LF9002	QQR1466-001	LINE FILTER		
⚠LF9003	QQR1467-001	LINE FILTER		
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9281	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9501	PS2581AL1/QW/	PHOTO COUPLER		
⚠RY9021	QSK0119-001	RELAY		
⚠RY9201	QSK0117-001	RELAY		
⚠VA9001	ERZV10V621CS	ZNR		

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D023A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1141Q331B-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-61Z786	IC	(SERVICE)	
IC4004	ATF256-61Z786-1	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPF1	IC(MCU)		
IC7002	ATF256-61Z786-2	IC	(SERVICE)	
IC7003	SN74AHC2G241T-X	IC		
IC7401	S-80928CLNB-W	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
IC7601	M306V7MG-119FP	IC(MCU)		
IC7602	ATF16-61Z786	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0206	2SC3928A/QR/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0306	2SC3928A/QR/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0311	2SC3928A/QR/-X	TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK1228-X	MOS FET		
Q1006	2SK1228-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D2101	MA111-X	SI DIODE		
D2103	MA111-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7601	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1083	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1086	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2036	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C2101	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C2102	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3025	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6108	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6120	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6124	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9005	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9006	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C9212	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2104	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2151	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA2012	NRZ0080-101X	NET RESISTOR	100Ω 1/16W J	
RA2013	NRZ0080-101X	NET RESISTOR	100Ω 1/16W J	
RA2015	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA2016	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-R68X	COIL	0.68uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-R68X	COIL	0.68uH K	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-R68X	COIL	0.68uH K	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NQR0489-002X	FERRITE BEADS		
L1005	NQR0489-002X	FERRITE BEADS		
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1104	NQL093K-R10X	COIL	0.1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-3R3X	COIL	3.3uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1304	NQL093K-R10X	COIL	0.1uH K	
L1401	NQL092K-3R3X	COIL	3.3uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1404	NQL093K-R10X	COIL	0.1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L2101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN005	QGB0603L1-B0	CONNECTOR	B-B (1-110)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINKIII	

⚠Ref No.	Part No.	Part Name	Description	Local
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2106	NQR0489-002X	FERRITE BEADS		
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6006	NQR0199-001X	FERRITE BEADS		
K6007	NQR0199-001X	FERRITE BEADS		
K6008	NQR0199-001X	FERRITE BEADS		
K6009	NQR0199-001X	FERRITE BEADS		
K6010	NQR0199-001X	FERRITE BEADS		
K6019	NQR0199-001X	FERRITE BEADS		
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K9001	NQR0413-003X	FERRITE BEADS		
K9002	NQR0413-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0510	NQR0498-001X	EMI FILTER		
LC0511	NQR0498-001X	EMI FILTER		
LC0512	NQR0498-001X	EMI FILTER		
LC0513	NQR0498-001X	EMI FILTER		
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0520	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0660-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	CRYSTAL		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2081	TPS855	PHOTO CONDUCTOR		
Q2051	UN2226-X	DIGI TRANSISTOR		
Q2052	UN2226-X	DIGI TRANSISTOR		
Q2055	UN2110-X	DIGI TRANSISTOR		
D2001	MA8100/M/-X	Z DIODE		
D2002	MA8100/M/-X	Z DIODE		
D2004	MA8100/M/-X	Z DIODE		
D2005	MA8100/M/-X	Z DIODE		
D2006	MA8100/M/-X	Z DIODE		
D2007	MA8100/M/-X	Z DIODE		
D2008	MA8100/M/-X	Z DIODE		
D2010	MA8100/M/-X	Z DIODE		
D2011	MA8100/M/-X	Z DIODE		
D2012	MA8100/M/-X	Z DIODE		
D2013	MA8100/M/-X	Z DIODE		
D2014	MA8100/M/-X	Z DIODE		
D2015	MA8100/M/-X	Z DIODE		
D2016	MA8100/M/-X	Z DIODE		
D2017	MA8100/M/-X	Z DIODE		
D2053	MA8100/M/-X	Z DIODE		
D2054	MA8100/M/-X	Z DIODE		
D2081	MA8033-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2401	MA8100/M/-X	Z DIODE		
D2402	MA8100/M/-X	Z DIODE		
D2403	MA8100/M/-X	Z DIODE		
D2404	MA8100/M/-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2002	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2004	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2005	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2006	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2008	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2010	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2011	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2012	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2013	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2014	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2015	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2081	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2082	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2083	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2084	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2202	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2203	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2204	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2205	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2206	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2213	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2214	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2215	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2401	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2403	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2404	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2405	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C2406	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
C2407	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
C2408	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2051	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2056	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2057	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2059	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2060	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2081	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2216	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R2217	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2218	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2219	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2403	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2406	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2409	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2410	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2415	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2416	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
J2001	QNZ0802-001	AV JACK	S/V/L/R IN	
J2002	QNN0729-001	PIN JACK	COMP IN	
J2003	QNN0727-001	PIN JACK	V/L/R IN	
J2004	QNN0725-001	PIN JACK	CNTER CH IN/ AUDIO IN	
J2006	QNZ0801-001	AV JACK	MONITOR REC OUT	
J2007	QNN0730-001	PIN JACK	SUB WOOFER OUT/ AUDIO OUT	
J2401	QNZ0781-001	D CONNECTOR	PC IN	

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
C0442	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0443	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0444	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C0446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0447	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R0401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0406	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0541	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R0542	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R0543	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R0544	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
J0401	QNZ0438-001	AV JACK	S/V/L/R/ IN	
S0501	QSW0619-003Z	TACT SWITCH	VOL+	
S0502	QSW0619-003Z	TACT SWITCH	VOL-	
S0503	QSW0619-003Z	TACT SWITCH	MENU	
S0504	QSW0619-003Z	TACT SWITCH	CH+	
S0505	QSW0619-003Z	TACT SWITCH	CH-	
S0506	QSW0619-003Z	TACT SWITCH	INPUT	

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q0701	2SC3928A/QR/-X	TRANSISTOR		
Q0702	2SC3928A/QR/-X	TRANSISTOR		
Q0704	2SC3928A/QR/-X	TRANSISTOR		
Q0705	2SC3928A/QR/-X	TRANSISTOR		
Q0706	2SC3928A/QR/-X	TRANSISTOR		
Q0707	2SC3928A/QR/-X	TRANSISTOR		
D0701	SELU5E20C	LED	POWER	
D0703	MA8068-X	Z DIODE		
D0704	MA8068-X	Z DIODE		
D0705	LE22440	LED	LAMP	
D0706	MA8068-X	Z DIODE		
D0707	MA8068-X	Z DIODE		
C0701	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0702	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0703	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0704	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0705	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0706	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
R0706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0709	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0710	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0711	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R0712	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0713	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0714	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0716	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
S0701	QSW0619-003Z	TACT SWITCH	POWER	

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
CN0CSW	WJK0173-001A	E-SI C WIRE C-B		
S0201	QSW1064-001	DETECT SWITCH		

RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1140	CXA2205Q-X	IC		
IC1221	M62320FP-X	IC		
IC1251	RC4558D-X	IC		
IC1252	CD4066BNS-X	IC		
IC1621	LM393DR-X	IC		
IC1641	NJM2150AM-X	IC		
IC1661	TDA8925ST/N1	IC		
IC1701	NJM2706M-X	IC		
IC1702	RC4558D-X	IC		
Q1221	2SC3928A/QR/-X	TRANSISTOR		
Q1252	2SA1530A/QR/-X	TRANSISTOR		
Q1253	2SC3928A/QR/-X	TRANSISTOR		
Q1254	2SA1530A/QR/-X	TRANSISTOR		
Q1255	2SC3928A/QR/-X	TRANSISTOR		
Q1256	UN2213-X	DIGI TRANSISTOR		
Q1257	UN2213-X	DIGI TRANSISTOR		
Q1291	2SK1374-X	MOS FET		
Q1292	2SK1374-X	MOS FET		
Q1661	UN2112-X	DIGI TRANSISTOR		
Q1662	2SC3928A/QR/-X	TRANSISTOR		
Q1663	UN2213-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
Q1701	2SC3928A/QR/-X	TRANSISTOR		
Q1702	UN2213-X	DIGI TRANSISTOR		
D1223	MA111-X	SI DIODE		
D1251	MA8100/M/-X	Z DIODE		
D1252	MA8100/M/-X	Z DIODE		
D1253	MA111-X	SI DIODE		
D1301	MA8100/M/-X	Z DIODE		
D1302	MA8100/M/-X	Z DIODE		
D1303	MA8100/M/-X	Z DIODE		
D1304	MA8100/M/-X	Z DIODE		
D1305	MA8100/M/-X	Z DIODE		
D1306	MA8100/M/-X	Z DIODE		
D1663	MA8033-X	Z DIODE		
D1667	MA111-X	SI DIODE		
D1668	MA111-X	SI DIODE		
D1669	MA111-X	SI DIODE		
D1670	MA111-X	SI DIODE		
D1671	MA8200-X	Z DIODE		
D1672	MA8200-X	Z DIODE		
D1673	MA8200-X	Z DIODE		
D1674	MA8200-X	Z DIODE		
C1001	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1003	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1004	QETN1HM-106Z	E CAPACITOR	10uF 50V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C1140	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1142	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1143	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1144	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1147	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1150	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1152	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C1155	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1156	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1157	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1158	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1160	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1161	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1162	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C1165	NCB11AK-335X	C CAPACITOR	3.3uF 10V K	
C1166	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1167	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1168	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1169	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1170	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1221	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1259	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1260	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1261	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1262	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1263	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1291	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1292	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1293	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1294	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1295	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1302	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1303	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1304	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1305	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1306	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1307	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1633	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1641	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C1642	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1643	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1645	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1646	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1647	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1648	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1651	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C1652	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1653	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1663	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1665	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1667	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1673	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1675	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1677	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1682	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1683	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1684	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1686	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1698	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C1699	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C1701	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C1702	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M	
C1703	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C1704	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C1705	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1706	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1707	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1708	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1709	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1710	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1711	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C1712	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1713	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1714	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1715	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1716	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1717	NCB21CK-124X	C CAPACITOR	0.12uF 16V K	
C1718	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C1719	NCB21CK-124X	C CAPACITOR	0.12uF 16V K	
C1720	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1721	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1722	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1723	QETN1HM-336Z	E CAPACITOR	33uF 50V M	
R1001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1146	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1147	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1222	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1231	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1261	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1262	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1270	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1271	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1272	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1273	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1274	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1275	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1276	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1277	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1278	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1279	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1280	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1292	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1301	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1619	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R1625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1630	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R1634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1642	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1643	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1646	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1648	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1649	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1651	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1652	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R1664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
⚠R1666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
⚠R1668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R1670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1688	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1689	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1701	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1702	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1703	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1705	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1706	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1707	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1711	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1712	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1713	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1714	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1715	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R1716	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
R1717	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1718	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1719	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1720	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1721	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1722	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L1001	NQL79GM-100X	COIL	10uH M	
L1002	NQL79GM-100X	COIL	10uH M	
L1661	QQL28AK-560	COIL	56uH K	
L1662	QQL28AK-560	COIL	56uH K	
CN100F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN100T	QGF0508F1-40X	CONNECTOR	FFC/FPC (1-40)	
CN10FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN10PC	WJK0202-001A	E-SI C WIRE C-C		
K1601	QQR0621-002Z	FERRITE BEADS		
K1602	QQR0621-002Z	FERRITE BEADS		
K1603	NQR0413-002X	FERRITE BEADS		
K1604	NQR0413-002X	FERRITE BEADS		
K1605	NQR0413-002X	FERRITE BEADS		
K1606	NQR0413-002X	FERRITE BEADS		
LC1301	QQR1199-001	EMI FILTER		

⚠Ref No.	Part No.	Part Name	Description	Local
⚠TU1001	QAU0378-001	TUNER		

ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠MD001	SSD2104A-M2	ATSC TUNER MODULE PWB		

PRINTED WIRING BOARD PARTS LIST [HD-61Z886]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1022A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2)

REFER TO PARTS LIST IN PAGE 3-17 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9021A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D022A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1141Q331B-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-61Z786	IC	(SERVICE)	
IC4004	ATF256-61Z786-1	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPF1	IC(MCU)		
IC7002	ATF256-61Z786-2	IC	(SERVICE)	
IC7003	SN74AHC2G241T-X	IC		
IC7401	S-80928CLNB-W	IC		
IC7601	M306V7MG-119FP	IC(MCU)		
IC7602	ATF16-61Z786	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0206	2SC3928A/QR/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0306	2SC3928A/QR/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0311	2SC3928A/QR/-X	TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK1228-X	MOS FET		
Q1006	2SK1228-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D2101	MA111-X	SI DIODE		
D2103	MA111-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7601	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1083	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1086	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2036	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C2101	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C2102	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3025	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6108	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6120	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6124	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9005	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9006	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C9212	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2104	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2151	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA2012	NRZ0080-101X	NET RESISTOR	100Ω 1/16W J	
RA2013	NRZ0080-101X	NET RESISTOR	100Ω 1/16W J	
RA2015	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA2016	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-R68X	COIL	0.68uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-R68X	COIL	0.68uH K	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-R68X	COIL	0.68uH K	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NQR0489-002X	FERRITE BEADS		
L1005	NQR0489-002X	FERRITE BEADS		
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1104	NQL093K-R10X	COIL	0.1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-3R3X	COIL	3.3uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1304	NQL093K-R10X	COIL	0.1uH K	
L1401	NQL092K-3R3X	COIL	3.3uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1404	NQL093K-R10X	COIL	0.1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L2101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN005	QGB0603L1-B0	CONNECTOR	B-B (1-110)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK III	

⚠Ref No.	Part No.	Part Name	Description	Local
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2106	NQR0489-002X	FERRITE BEADS		
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6006	NQR0199-001X	FERRITE BEADS		
K6007	NQR0199-001X	FERRITE BEADS		
K6008	NQR0199-001X	FERRITE BEADS		
K6009	NQR0199-001X	FERRITE BEADS		
K6010	NQR0199-001X	FERRITE BEADS		
K6019	NQR0199-001X	FERRITE BEADS		
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K9001	NQR0413-003X	FERRITE BEADS		
K9002	NQR0413-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0510	NQR0498-001X	EMI FILTER		
LC0511	NQR0498-001X	EMI FILTER		
LC0512	NQR0498-001X	EMI FILTER		
LC0513	NQR0498-001X	EMI FILTER		
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0520	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0660-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	CRYSTAL		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2)

REFER TO PARTS LIST IN PAGE 3-30 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2)

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-70G886]

ANALOG SIGNAL P.W. BOARD ASS'Y
(SRP-1021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC502	MM1510XN-X	IC		
IC503	MM1510XN-X	IC		
IC504	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC801	TB1274BFG	IC		
IC802	TC90A69AF-X	IC		
IC803	BA50BC0FP-X	IC		
IC902	TA48M033F-X	IC		
Q301	2SC3837K/NP/-X	TRANSISTOR		
Q302	2SC3837K/NP/-X	TRANSISTOR		
Q303	2SC3837K/NP/-X	TRANSISTOR		
Q304	2SC3837K/NP/-X	TRANSISTOR		
Q305	2SC3837K/NP/-X	TRANSISTOR		
Q306	2SC3837K/NP/-X	TRANSISTOR		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q507	2SA1530A/QR/-X	TRANSISTOR		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q509	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB301	MA8100/M/-X	Z DIODE		
DB302	MA8100/M/-X	Z DIODE		
DB601	MA111-X	SI DIODE		
DB602	MA111-X	SI DIODE		
DB605	MA111-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C349	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C355	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C356	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C357	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C360	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C361	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C362	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C363	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C364	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C403	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C405	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C406	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C515	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C516	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C517	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C519	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C520	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C524	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C525	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C526	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C527	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C801	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C802	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C803	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEH71EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C828	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C879	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C890	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB401	NEH71HM-105X	E CAPACITOR	1uF 50V M	
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB613	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R230	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R232	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R305	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R311	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R337	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R338	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R339	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R375	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R385	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R395	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R532	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R533	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R579	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R580	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R581	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R672	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R674	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB625	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL914K-101X	COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	COIL	6.8uH K	
L852	NQL092K-6R8X	COIL	6.8uH K	
L853	NQL092K-6R8X	COIL	6.8uH K	
L854	NQL092M-270X	CHIP P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30-T2	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

REGULATOR P.W. BOARD ASS'Y (SRP-2021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	PQ120RDA1SZ	IC		
IC2101	PQ1CG2032FZ	IC		
IC2201	PQ1CG2032FZ	IC		
IC2301	MP1580HS-X	IC		
IC2401	MP1580HS-X	IC		
IC2701	M62320FP-X	IC		
IC2702	BA50BC0FP-X	IC		
Q2101	2SC3074/OY/-X	TRANSISTOR		
Q2801	2SC3928A/QR/-X	TRANSISTOR		
Q2802	2SC3928A/QR/-X	TRANSISTOR		
Q2803	2SC3928A/QR/-X	TRANSISTOR		
Q2804	2SC3928A/QR/-X	TRANSISTOR		
Q2805	2SA1530A/QR/-X	TRANSISTOR		
Q2806	UN2213-X	DIGI TRANSISTOR		
Q2807	UN2213-X	DIGI TRANSISTOR		
D2001	D1FS4-X	SB DIODE		
D2002	MA111-X	SI DIODE		
D2102	FSQ05A04	SB DIODE		
D2103	MTZJ11B-T2	Z DIODE		
D2202	FSQ05A04	SB DIODE		
D2203	MTZJ6.8B-T2	Z DIODE		
D2302	EC30HA03L-X	SB DIODE		
D2303	EC30HA03L-X	SB DIODE		
D2304	MTZJ3.9B-T2	Z DIODE		
D2401	MA111-X	SI DIODE		
D2402	EC30HA03L-X	SB DIODE		
D2403	EC30HA03L-X	SB DIODE		
D2404	MTZJ3.9B-T2	Z DIODE		
D2701	MA8051/M/-X	Z DIODE		
D2801	MA111-X	SI DIODE		
D2802	MA8051/M/-X	Z DIODE		
D2803	MA111-X	SI DIODE		
D2804	MA111-X	SI DIODE		
D2805	MA111-X	SI DIODE		
D2806	MA8051/M/-X	Z DIODE		
D2807	MA111-X	SI DIODE		
D2808	MA111-X	SI DIODE		
D2809	MA111-X	SI DIODE		
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2102	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C2103	QEZ0255-128	E CAPACITOR	1200uF 16V M	
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2107	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2108	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2202	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C2203	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2207	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2209	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2303	QCZ0397-106Z	C CAPACITOR	10uF	
C2304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2305	QCZ0396-226Z	C CAPACITOR	22uF	
C2306	QCZ0396-226Z	C CAPACITOR	22uF	
C2308	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C2309	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2311	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2401	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C2403	QCZ0397-106Z	C CAPACITOR	10uF	
C2404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2405	QCZ0396-226Z	C CAPACITOR	22uF	
C2406	QCZ0396-226Z	C CAPACITOR	22uF	
C2408	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C2409	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2411	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2701	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2703	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2801	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2802	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D	
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2105	NRS12BJ-101W	MG RESISTOR	100Ω 1/2W J	
R2107	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2201	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R2202	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R2204	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2205	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2206	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2301	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2303	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2304	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2305	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2306	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D	
R2307	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R2308	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2309	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2310	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2401	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2402	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R2403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2404	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2406	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R2407	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R2408	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2409	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2410	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2808	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2809	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2810	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2811	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2813	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2814	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2815	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2816	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2817	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2818	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2819	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2820	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2901	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2902	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2903	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2904	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2905	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L2102	QQR1401-001	CHOKE COIL		
L2202	QQR1401-001	CHOKE COIL		
L2302	QQL28AK-150	COIL	15uH K	
L2402	QQL28AK-150	COIL	15uH K	
⚠CP2101	ICP-S2.3-X	IC PROTECTOR	2.3A	
CP2201	ICP-S2.3-X	IC PROTECTOR	2.3A	

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3010A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3001	THC63LVDF84B-W	IC		
IC3101	ASI5100	IC(DILA DRIVER)		
IC3102	HY57V161610ETP7	IC		
IC3103	HY57V161610ETP7	IC		
IC3104	HY57V161610ETP7	IC		
IC3105	HY57V161610ETP7	IC		
IC3161	LMC6024IM-X	IC		
IC3162	BA15218F-XE	IC		
IC3163	OPA2677U-X	IC		
IC3201	ASI5100	IC(DILA DRIVER)		
IC3202	HY57V161610ETP7	IC		
IC3203	HY57V161610ETP7	IC		
IC3204	HY57V161610ETP7	IC		
IC3205	HY57V161610ETP7	IC		
IC3206	SN74LVC1G125V-X	IC		
IC3261	LMC6024IM-X	IC		
IC3262	BA15218F-XE	IC		
IC3263	OPA2677U-X	IC		
IC3301	ASI5100	IC(DILA DRIVER)		
IC3302	HY57V161610ETP7	IC		
IC3303	HY57V161610ETP7	IC		
IC3304	HY57V161610ETP7	IC		
IC3305	HY57V161610ETP7	IC		
IC3361	LMC6024IM-X	IC		
IC3362	BA15218F-XE	IC		
IC3363	OPA2677U-X	IC		
IC3701	AT89C51RD2RLTIM	IC		
IC3743	CD74HC4053PW-X	IC		
IC3801	XC2S400E6FTG256	IC		
IC3802	XCF04SVOG20CP1X	IC		
IC3803	HY57643220CT7	IC		
IC3891	R1170H181B-X	IC		
IC3901	SI-8011NVS-X	IC		
IC3902	PQ1CY1032Z-W	IC		
IC3903	LM2941S-W	IC		
IC3904	LM2991S-W	IC		
IC3905	BA50BC0FP-X	IC		
IC3906	PQ20WZ11-X	IC		
Q3702	UN2211-X	TRANSISTOR		
Q3801	UN2211-X	TRANSISTOR		
Q3802	UN2211-X	TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	UN2211-X	TRANSISTOR		
Q3903	UN2211-X	TRANSISTOR		
Q3904	2SC3928A/QR/-X	TRANSISTOR		
D3161	MA8056/M/-X	Z DIODE		
D3261	MA8056/M/-X	Z DIODE		
D3361	MA8056/M/-X	Z DIODE		
D3701	STZ6.8N-X	Z DIODE		
D3702	STZ6.8N-X	Z DIODE		
D3703	STZ6.8N-X	Z DIODE		
D3704	STZ6.8N-X	Z DIODE		
D3705	STZ6.8N-X	Z DIODE		
D3706	STZ6.8N-X	Z DIODE		
D3707	STZ6.8N-X	Z DIODE		
D3708	STZ6.8N-X	Z DIODE		
D3741	STZ6.8N-X	Z DIODE		
D3742	STZ6.8N-X	Z DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
C3001	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3003	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3007	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3161	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3171	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3172	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3191	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3193	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3195	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3199	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3253	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3261	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3263	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3271	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3272	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3291	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3293	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3295	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3299	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3361	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3363	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3371	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3372	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3391	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3393	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3395	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3399	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3701	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3703	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3709	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3827	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3829	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3830	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3831	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3833	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3834	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3835	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3836	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3838	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3840	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3851	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3852	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3853	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3854	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3855	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3856	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C3861	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3863	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3864	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3865	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3866	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3867	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3868	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3869	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3870	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3872	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3873	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3874	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3881	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3882	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3893	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3894	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3895	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C3896	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3897	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3913	NEHM0JM-476X	E CAPACITOR	47uF 6.3V M	
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3934	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C3936	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C3951	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3953	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3958	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3960	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3965	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3967	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3969	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3972	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R3001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3009	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3011	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3012	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3013	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3014	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3106	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3107	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3121	NQR0271-001X	EMI FILTEROR		
R3122	NQR0271-001X	EMI FILTEROR		
R3123	NQR0271-001X	EMI FILTEROR		
R3124	NQR0271-001X	EMI FILTEROR		
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3131	NQR0271-001X	EMI FILTEROR		
R3132	NQR0271-001X	EMI FILTEROR		
R3133	NQR0271-001X	EMI FILTEROR		
R3134	NQR0271-001X	EMI FILTEROR		
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3146	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3147	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3167	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3168	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3169	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3170	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3171	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3182	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3183	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3184	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3185	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3186	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3187	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3188	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
R3189	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3190	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3203	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3207	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3221	NQR0271-001X	EMI FILTEROR		
R3222	NQR0271-001X	EMI FILTEROR		
R3223	NQR0271-001X	EMI FILTEROR		
R3224	NQR0271-001X	EMI FILTEROR		
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3231	NQR0271-001X	EMI FILTEROR		
R3232	NQR0271-001X	EMI FILTEROR		
R3233	NQR0271-001X	EMI FILTEROR		
R3234	NQR0271-001X	EMI FILTEROR		
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3246	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3247	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3248	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R3249	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3255	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3256	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3258	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3262	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3264	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3266	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3267	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3268	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3269	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3270	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3271	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3272	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3281	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3282	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3283	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3284	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3285	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3286	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3287	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3288	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
R3289	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3290	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3292	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3303	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3306	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3307	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTEROR		
R3322	NQR0271-001X	EMI FILTEROR		
R3323	NQR0271-001X	EMI FILTEROR		
R3324	NQR0271-001X	EMI FILTEROR		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTEROR		
R3332	NQR0271-001X	EMI FILTEROR		
R3333	NQR0271-001X	EMI FILTEROR		
R3334	NQR0271-001X	EMI FILTEROR		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRSA63D-181X	MG RESISTOR	180Ω 1/16W D	
R3347	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3362	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3364	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3366	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3367	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3368	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3369	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3370	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3371	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3381	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3382	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3383	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3384	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3385	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3386	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3387	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3388	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
R3389	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3390	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3723	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3724	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3733	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3735	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3736	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3737	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3783	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3801	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3802	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3803	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3804	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3805	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3806	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3807	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
R3808	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3813	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3814	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3815	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3816	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3817	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3818	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3819	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3820	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3827	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3828	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3829	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3831	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3832	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3833	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3834	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3835	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3839	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3841	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3843	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3844	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3845	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3846	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3847	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3848	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3851	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R3852	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3853	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3854	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3855	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3858	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3859	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3860	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3861	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3862	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3863	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3864	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3881	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3882	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3892	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3906	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J	
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3933	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R3934	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D	
R3935	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3951	NRSA63D-391X	MG RESISTOR	390Ω 1/16W D	
R3952	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3953	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3957	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3958	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3959	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3970	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R3971	NRSA63D-471X	MG RESISTOR	470Ω 1/16W D	
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
L3701	NQL092K-2R2X	COIL	2.2uH K	
L3901	NQL51EM-100X	COIL	10uH M	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3001	NQR0413-003X	FERRITE BEADS		
K3191	NQR0413-003X	FERRITE BEADS		
K3192	NQR0413-003X	FERRITE BEADS		
K3193	NQR0413-003X	FERRITE BEADS		
K3194	NQR0413-003X	FERRITE BEADS		
K3291	NQR0413-003X	FERRITE BEADS		
K3292	NQR0413-003X	FERRITE BEADS		
K3293	NQR0413-003X	FERRITE BEADS		
K3294	NQR0413-003X	FERRITE BEADS		
K3391	NQR0413-003X	FERRITE BEADS		
K3392	NQR0413-003X	FERRITE BEADS		
K3393	NQR0413-003X	FERRITE BEADS		
K3394	NQR0413-003X	FERRITE BEADS		
K3701	NQR0413-003X	FERRITE BEADS		
K3741	NQR0413-003X	FERRITE BEADS		
K3742	NQR0413-003X	FERRITE BEADS		
K3743	NQR0413-003X	FERRITE BEADS		
K3744	NQR0413-003X	FERRITE BEADS		
K3851	NQR0413-003X	FERRITE BEADS		
K3852	NQR0413-003X	FERRITE BEADS		
K3861	NQR0413-003X	FERRITE BEADS		
K3881	NQR0413-003X	FERRITE BEADS		
K3891	NQR0413-003X	FERRITE BEADS		
K3892	NQR0413-003X	FERRITE BEADS		
X3202	NAX0736-001X	CXO		
X3701	NAX0672-001X	CRYSTAL		
X3881	NAX0587-001X	CXO	54MHz	

REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

CARD VIEWER P.W. BOARD ASS'Y (SRP-8511A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	ES6425FF	IC		
IC1002	IC-PST596N/J/-X	IC		
IC1003	SN74LVC1G126V-X	IC		
IC1005	RPI-352	PHOTO TRANSISTOR		
IC1006	SN74LVC2G74T-X	IC		
IC1007	SN74LVC2G241T-X	IC		
IC1201	SN74LVC244APW-X	IC		
IC1202	SN74LVC1G04V-X	IC		
IC1203	SN74LVC1G08V-X	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
IC1401	K4S281632F-UC75	IC(DIGITAL)		
IC1501	SA16M90TFIR1D03	IC(MICRO C ROM)		
IC2001	ADV7125KST140	IC		
IC2002	AK4384VT-X	IC		
IC2003	NJM4580V-X	IC		
IC2004	XC9572L10VG6401	IC		
IC2005	SN74LVC2G08T-X	IC		
IC2201	R1170H331B-X	IC		
IC2202	MP1580HS-X	IC		
IC2204	MM1562AF-X	IC		
Q1201	2SB1188/QR/-W	TRANSISTOR		
Q1202	UN2213-X	DIGI TRANSISTOR		
Q2201	2SC2411K/QR/-X	TRANSISTOR		
D1201	MA111-X	SI DIODE		
D1202	MA111-X	SI DIODE		
D1203	MA111-X	SI DIODE		
D1204	MA111-X	SI DIODE		
D2201	PTZ3.9B-X	Z DIODE		
D2202	EC30HA03L-X	SB DIODE		
C1001	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C1002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1003	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C1004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1007	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1010	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1011	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1012	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1026	NEHM0JM-336X	E CAPACITOR	33uF 6.3V M	
C1027	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1028	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1029	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1033	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1034	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1035	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1036	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1038	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1039	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1041	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1044	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1045	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1202	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C1203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1402	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1403	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1404	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1405	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1406	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1407	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1408	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2001	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C2002	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C2003	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C2004	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2010	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2011	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2013	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2014	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2016	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C2017	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C2018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2019	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2020	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2022	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2024	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2027	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2028	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2033	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2034	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2035	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2202	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C2206	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2208	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2209	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C2210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C2213	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C2214	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2215	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C2216	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C2217	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C2218	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C2220	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1002	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1003	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1004	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1006	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1008	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1010	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1012	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1013	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1020	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1036	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1037	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1038	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1039	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1044	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1052	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1053	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1054	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1056	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1058	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1060	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1061	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1065	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1066	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1067	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1068	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1069	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1070	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R1202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1204	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1205	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1206	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1207	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1208	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1209	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1210	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1211	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1212	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1213	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1214	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1215	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1216	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1217	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1219	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1220	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1221	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1222	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1223	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1225	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1226	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1227	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1228	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1229	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1230	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1232	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1233	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1234	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1236	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1239	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1240	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1242	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1244	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1246	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1247	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1248	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J	
R1301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1401	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1402	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1403	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1501	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1502	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1503	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1505	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1507	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2005	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2007	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2008	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2009	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2010	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2015	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2018	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2019	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2025	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2026	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2027	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2028	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2029	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2030	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2031	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2032	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2034	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2036	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2039	NRSA63D-471X	MG RESISTOR	470Ω 1/16W D	
R2040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2042	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2043	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2044	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2046	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2047	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R2048	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2049	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2050	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2051	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2052	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R2053	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R2054	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R2055	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2203	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R2204	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2205	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R2208	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2209	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2210	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
RA1001	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1002	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1003	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1004	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1005	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1006	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1007	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1008	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA1401	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA1402	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA1403	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA1404	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA1405	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA1406	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA1407	NRZ0034-100W	NET RESISTOR	10Ω 1/32W J x4	
RA2001	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA2002	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA2003	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA2004	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA2005	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
RA2006	NRZ0034-330W	NET RESISTOR	33Ω 1/32W J x4	
L2001	NQL092K-1R0X	COIL	1uH K	
L2002	NQL092K-1R0X	COIL	1uH K	
L2003	NQL092K-1R0X	COIL	1uH K	
L2201	NQL98EM-150X	COIL	15uH M	
L2202	NQL52EM-220X	COIL	22uH M	
CN1001	NNZ0132-001	MEMORY CARD CON		
CN1002	NNZ0119-001	CF CARD CONNE		
CN1003	QGF0529C1-45W	CONNECTOR	FFC/FPC (1-45)	
K1001	NQR0413-002X	FERRITE BEADS		
K1002	NQR0413-002X	FERRITE BEADS		
K1003	NQR0413-002X	FERRITE BEADS		
K1004	NQR0413-002X	FERRITE BEADS		
K1005	NQR0413-002X	FERRITE BEADS		
K1401	NQR0413-002X	FERRITE BEADS		
K1501	NQR0413-002X	FERRITE BEADS		
K2001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2002	NQR0413-002X	FERRITE BEADS		
K2003	NQR0413-002X	FERRITE BEADS		
K2004	NQR0413-002X	FERRITE BEADS		
K2201	NQR0413-002X	FERRITE BEADS		
X1001	NAX0587-001X	CXO	54.0000MHz	

POWER P.W. BOARD ASS'Y (SRP-9021A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D021A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3008	R1141Q331B-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	K4D263238F-UC50	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-71G886	IC	(SERVICE)	
IC4004	ATF256-71G886-1	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPF1	IC(MCU)		
IC7002	ATF256-71G886-2	IC	(SERVICE)	

⚠Ref No.	Part No.	Part Name	Description	Local
IC7003	SN74AHC2G241T-X	IC		
IC7401	S-80928CLNB-W	IC		
IC7601	M306V7MG-119FP	IC(MCU)		
IC7602	ATF16-71G886	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC7609	SN74AHCT1G08V-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0206	2SC3928A/QR/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0306	2SC3928A/QR/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0311	2SC3928A/QR/-X	TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SC3928A/QR/-X	TRANSISTOR		
Q1005	2SK1228-X	MOS FET		
Q1006	2SK1228-X	MOS FET		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2113-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D2101	MA111-X	SI DIODE		
D2103	MA111-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7601	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C0119	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0219	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0319	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0516	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0520	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C1004	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1013	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1014	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1015	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1018	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1032	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1033	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1039	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1040	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1049	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C1077	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C1081	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1082	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1083	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1084	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1085	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1086	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1087	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1111	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1549	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2036	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C2101	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C2102	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3025	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3075	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3109	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3502	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3510	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3512	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3513	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3514	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3525	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3526	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3534	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3536	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3537	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3538	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3541	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3545	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3554	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C3555	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4920	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4926	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C4932	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4933	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4935	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4956	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4957	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4958	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4959	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4961	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4966	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4976	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4977	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4979	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4980	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4981	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4984	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4986	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4987	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4989	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4990	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4992	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4994	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6108	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6120	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6124	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7204	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7403	NCB31CK-102X	C CAPACITOR	1000pF 16V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9005	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9006	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C9212	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1026	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1028	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2104	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2151	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3154	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3173	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3176	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3177	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3180	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3182	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6035	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7030	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7077	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7152	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA2012	NRZ0080-101X	NET RESISTOR	100Ω 1/16W J	
RA2013	NRZ0080-101X	NET RESISTOR	100Ω 1/16W J	
RA2015	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA2016	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA6001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7001	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-R68X	COIL	0.68uH K	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0201	NQL092K-R68X	COIL	0.68uH K	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0301	NQL092K-R68X	COIL	0.68uH K	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NQR0489-002X	FERRITE BEADS		
L1005	NQR0489-002X	FERRITE BEADS		
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1104	NQL093K-R10X	COIL	0.1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-3R3X	COIL	3.3uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1304	NQL093K-R10X	COIL	0.1uH K	
L1401	NQL092K-3R3X	COIL	3.3uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1404	NQL093K-R10X	COIL	0.1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L2101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	

⚠Ref No.	Part No.	Part Name	Description	Local
CN005	QGB0603L1-B0	CONNECTOR	B-B (1-110)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK III	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2106	NQR0489-002X	FERRITE BEADS		
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6006	NQR0199-001X	FERRITE BEADS		
K6007	NQR0199-001X	FERRITE BEADS		
K6008	NQR0199-001X	FERRITE BEADS		
K6009	NQR0199-001X	FERRITE BEADS		
K6010	NQR0199-001X	FERRITE BEADS		
K6019	NQR0199-001X	FERRITE BEADS		
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K9001	NQR0413-003X	FERRITE BEADS		
K9002	NQR0413-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0510	NQR0498-001X	EMI FILTER		
LC0511	NQR0498-001X	EMI FILTER		
LC0512	NQR0498-001X	EMI FILTER		
LC0513	NQR0498-001X	EMI FILTER		
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0520	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0522	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0523	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0527	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7001	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7002	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7003	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7004	NQR0470-001X	EMI FILTER	22pF 50V +50%-20%	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0660-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	CRYSTAL		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2)

REFER TO PARTS LIST IN PAGE 3-30 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2)

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

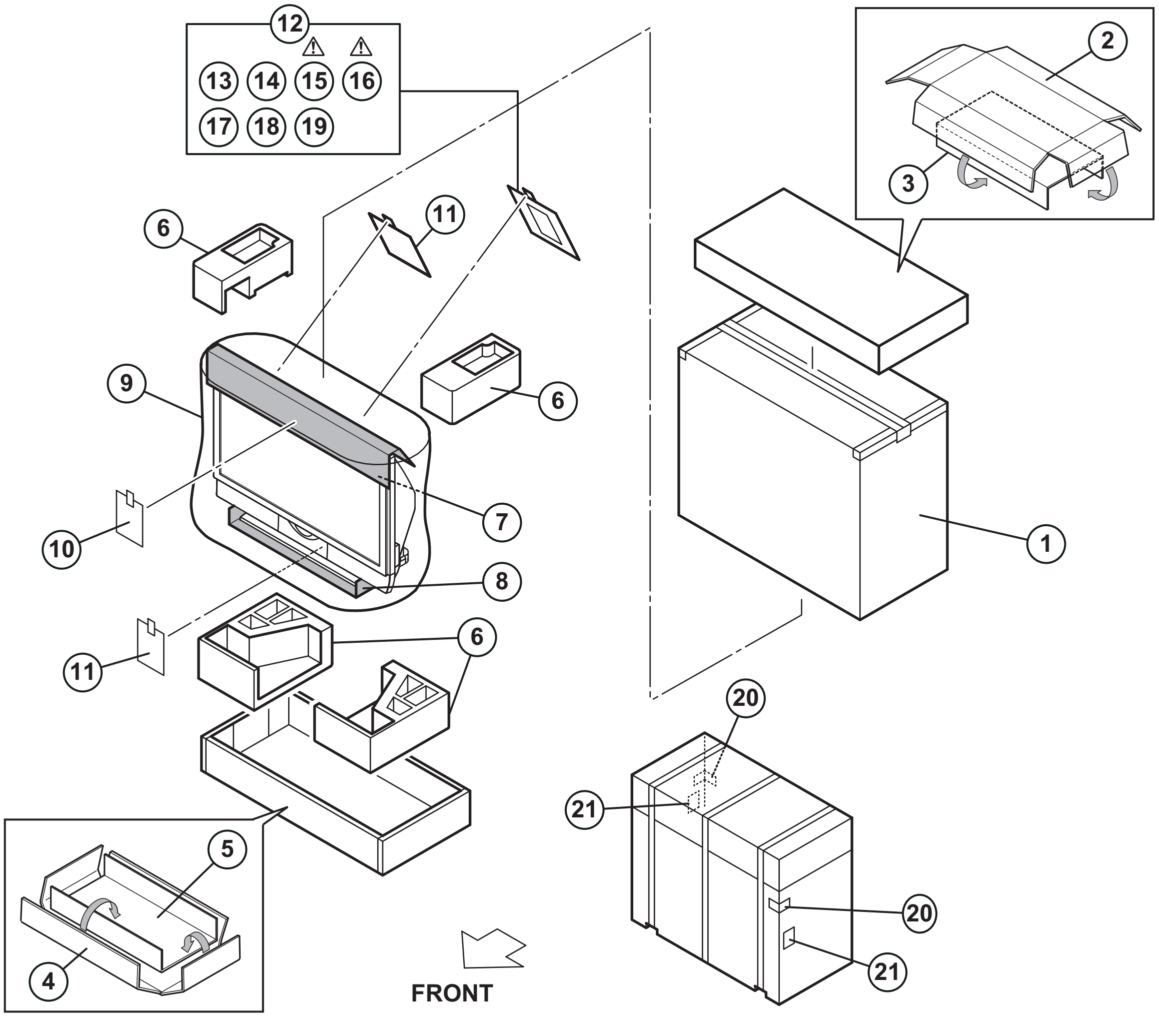
ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2)

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H)

⚠	Ref No.	Part No.	Part Name	Description	Local
		UR77EC1403A	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC12022-002C-A	PACKING CASE		HD-61Z786,HD-61Z886
	1	LC12022-003A-A	PACKING CASE		HD-70G886
	2	LC12031-002B-A	TOP CASE		HD-61Z786,HD-61Z886
	3	LC12023-002B-A	BOTTOM CASE		HD-61Z786,HD-61Z886
	4	LC12060-004B-A	PAD		HD-61Z786,HD-61Z886
	5	LC12060-003B-A	PAD		HD-61Z786,HD-61Z886
	6	LC11919-002B-A	CUSHION ASSY	4pcs in 1set	HD-61Z786,HD-61Z886
	6	LC12329-001A-A	CUSHION ASSY	4pcs in 1set	HD-70G886
	7	CP30055-007-A	TOP COVER		
	8	CP30055-A02-A	TOP COVER		HD-61Z786,HD-61Z886
	9	CP30056-011-A	POLY BAG		HD-61Z786,HD-61Z886
	9	CP30056-012-A	POLY BAG		HD-70G886
	10	LCT1728-001B-A	INST SHEET	English/French	HD-61Z786,HD-61Z886
	11	LCT1721-001A-A	INST SHEET	English/French	HD-61Z786,HD-61Z886
	12	QPA02503505	POLY BAG	25cm x 35cm	
	13	------------	BATTERY	R6P/AA(x2)	
	14	RM-C14G-1H	REMOCON		
⚠	15	LCT1833-001A-A	INST BOOK	English	
⚠	16	LCT1834-001A-A	INST BOOK	French	
	17	BT-51034-2Q	REGIST. CARD		
	18	QAU0382-002	RF SPLITTER		
	19	QAM0523-003	RF CABLE	30cm(x2)	
	20	------------	CORNER LABEL	2pcs in 1set	
	21	LC42114-001A-A	CONCEAL LABEL	(x2)	HD-61Z786,HD-61Z886

JVC

SCHEMATIC DIAGRAMS

REAR PROJECTION TELEVISION

HD-61Z786,
HD-61Z886,
HD-70G886

CD-ROM No.SML200505

BASIC CHASSIS
RP3

[HD-70G886]

COPYRIGHT © 2005 Victor Company of Japan, Limited

No.YA247
2005/5

HD-61Z786, HD-61Z886, HD-70G886

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Otthers ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

No unit	: [μH]
Others	: As specified

(4)Power Supply

═	: B1	▬▬▬▬	: B2 (12V)
■□■□	: 9V	□□□□	: 5V

∗ Respective voltage values are indicated

(5)Test point

⊙	: Test point	○	: Only test point display

(6)Connecting method

□	: Connector	○	: Wrapping or soldering
→≻ →⊁	: Receptacle		

(7)Ground symbol

⊥	: LIVE side ground
⫫	: ISOLATED(NEUTRAL) side ground
⏚	: EARTH ground
▽	: DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⫫) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

SEMICONDUCTOR SHAPES 2-3
WIRING DIAGRAM 2-5
BLOCK DIAGRAM 2-7

CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM 2-9
REAR JACK PWB CIRCUIT DIAGRAM 2-13
ANALOG SIGNAL PWB CIRCUIT DIAGRAM 2-15
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM 2-25
MAIN DRIVE PWB CIRCUIT DIAGRAM 2-47
POWER PWB CIRCUIT DIAGRAM 2-61
REGULATOR PWB CIRCUIT DIAGRAM 2-65
FAN CONTROL PWB CIRCUIT DIAGRAM 2-67
TEMP SENSOR PWB CIRCUIT DIAGRAM 2-69
LAMP COVER SW PWB CIRCUIT DIAGRAM 2-70
SIDE CONTROL PWB CIRCUIT DIAGRAM 2-71
FRONT LED PWB CIRCUIT DIAGRAM 2-73
REMOTE SENSOR PWB CIRCUIT DIAGRAM 2-75
SD CARD PWB CIRCUIT DIAGRAM 2-76
CARD VIEWER PWB CIRCUIT DIAGRAM 2-77

PATTERN DIAGRAMS

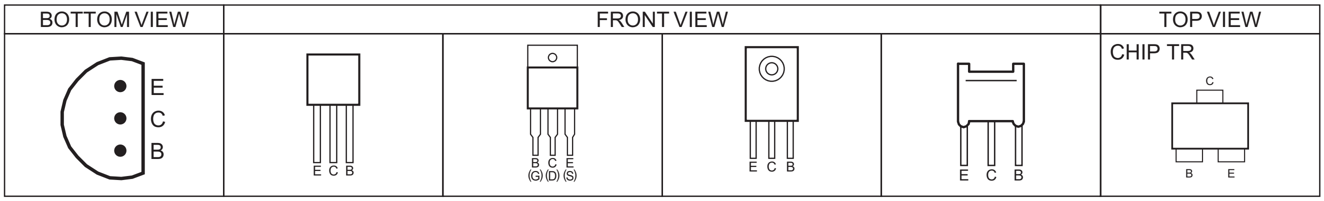
RECEIVER PWB PATTERN 2-81
REAR JACK PWB PATTERN 2-83
ANALOG SIGNAL PWB PATTERN 2-85
DIGITAL SIGNAL PWB PATTERN 2-87
MAIN DRIVE PWB PATTERN 2-91
POWER PWB PATTERN 2-95
REGULATOR PWB PATTERN 2-99
FAN CONTROL PWB PATTERN 2-101
FRONT LED PWB PATTERN 2-101
TEMP SENSOR PWB PATTERN 2-102
LAMP COVER SW PWB PATTERN 2-102
REMOTE SENSOR PWB PATTERN 2-102
SIDE CONTROL PWB PATTERN 2-103
SD CARD PWB PATTERN 2-104
CARD VIEWER PWB PATTERN 2-104
VOLTAGE CHARTS 2-105
WAVE FORMS 2-107

USING P.W. BOARD

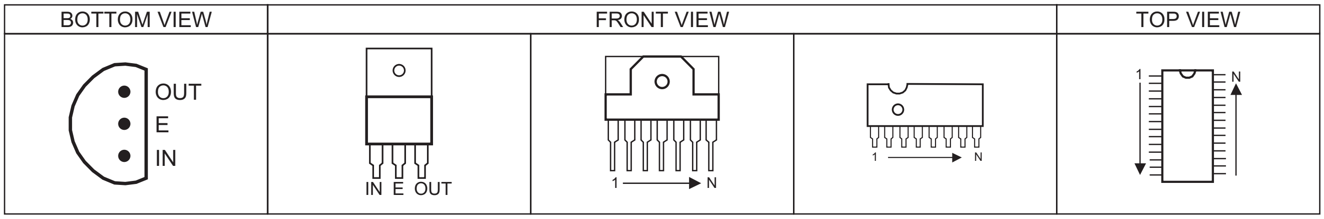
P.W.B ASS'Y name	HD-61Z786	HD-61Z886	HD-70G886
ANALOG SIGNAL P.W.B BOARD	SRP-1022A-M2	←	SRP-1021A-M2
REGULATOR P.W.B BOARD	SRP-2022A-M2	←	SRP-2021A-M2
MAIN DRIVE P.W.B BOARD	SRP-3006A-M2	←	SRP-3010A-M2
REMOTE SENSOR P.W.B BOARD	SRP-8005A-M2	←	←
FAN CONTROL P.W.B BOARD	SRP-8106A-M2	←	←
TEMP SENSOR P.W.B BOARD	SRP-8206A-M2	←	←
SD CARD P.W.B BOARD	SRP-8510A-M2	←	←
CARD VIEWER P.W.B BOARD	– – –	– – –	SRP-8511A-M2
POWER P.W.B BOARD	SRP-9021A-M2	←	←
DIGITAL SIGNAL P.W.B BOARD	SRP0D023A-M2	SRP0D022A-M2	SRP0D021A-M2
REAR JACK P.W.B BOARD	SRP0J021A-M2	←	←
SIDE CONTROL P.W.B BOARD	SRP0L021A-M2	←	←
FRONT LED P.W.B BOARD	SRP0L121A-M2	←	←
LAMP COVER SW P.W.B BOARD	SRP0L205A-M2	←	←
RECEIVER P.W.B BOARD	SRP0R021A-M2	←	←

SEMICONDUCTOR SHAPES

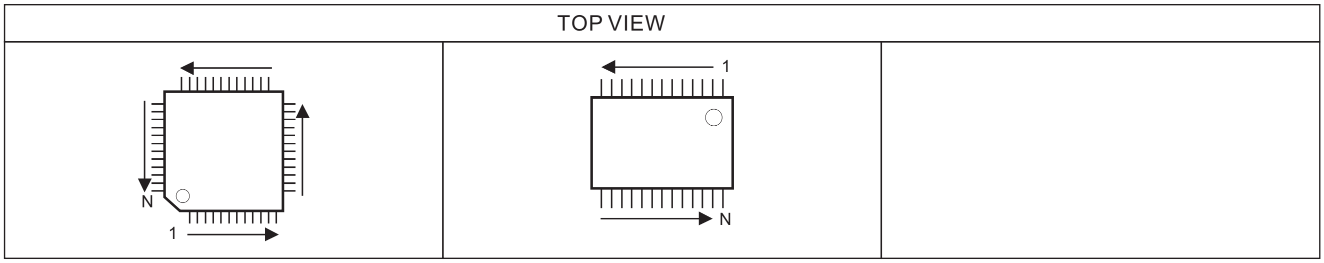
TRANSISTOR


BOTTOM VIEW
FRONT VIEW
TOP VIEW
E
C
B
E C B
B C E
(G) (D) (S)
E C B
E C B
CHIP TR
C
B E

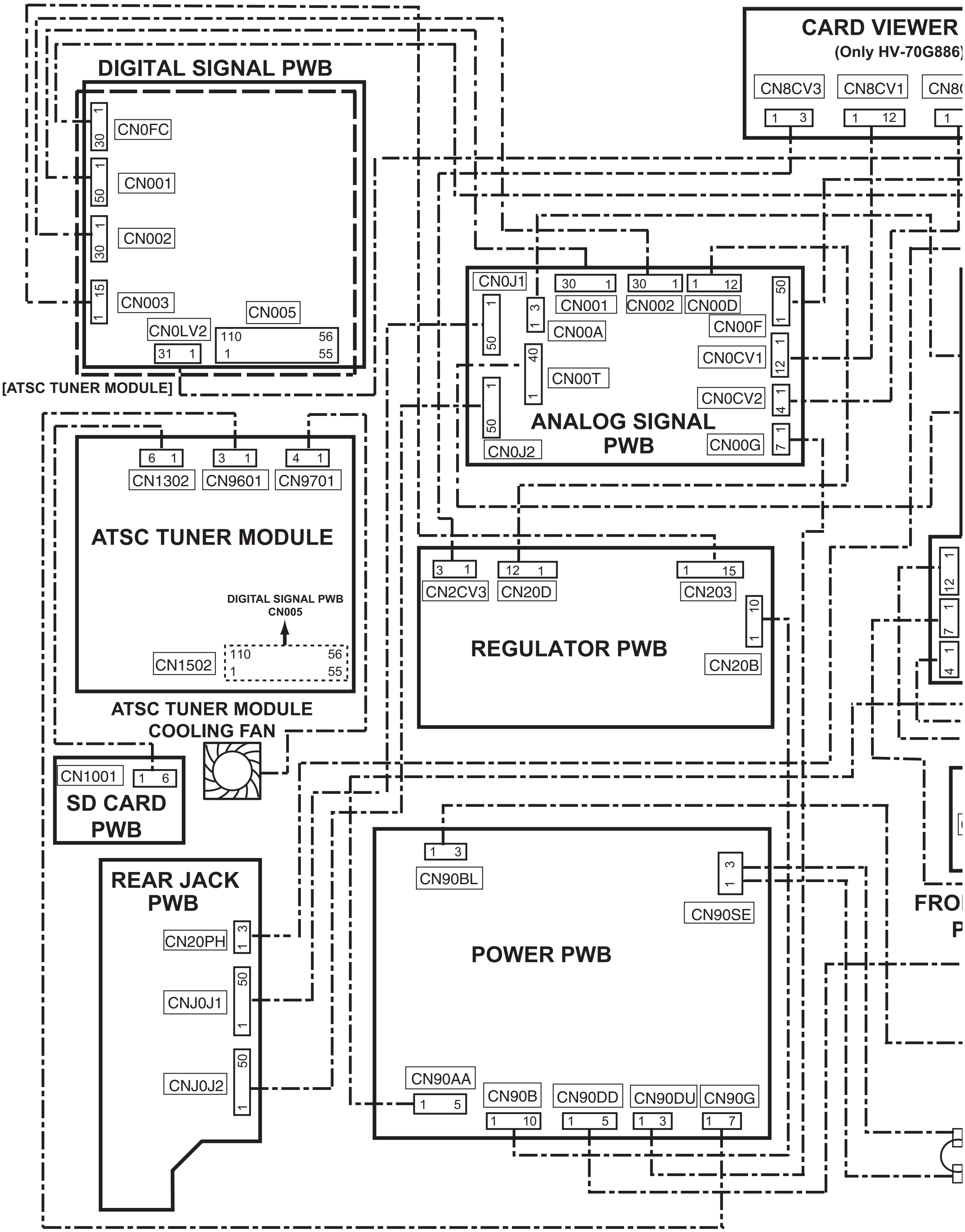
IC

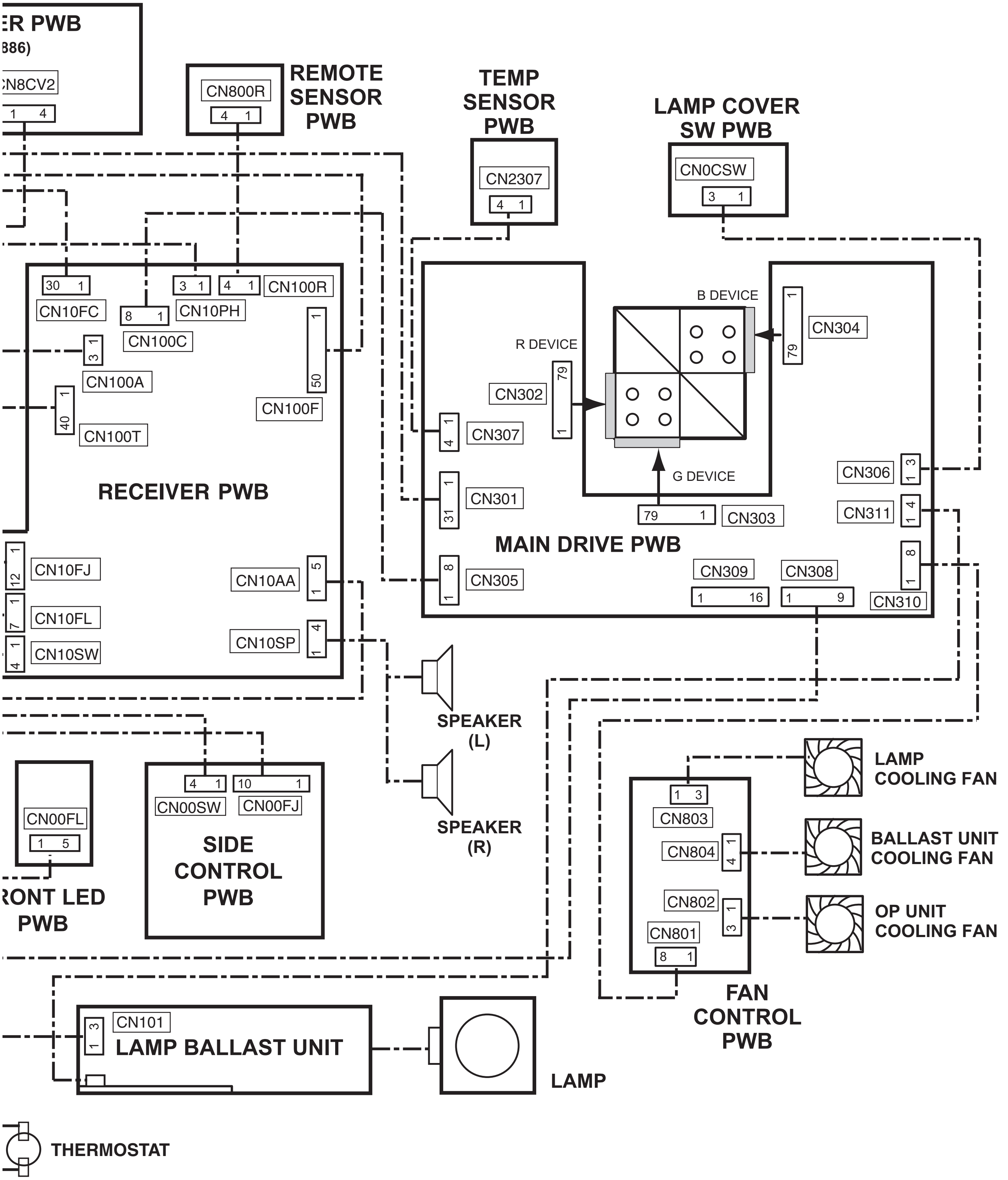

BOTTOM VIEW
FRONT VIEW
TOP VIEW
OUT
E
IN
IN E OUT
1
N
1
N
1
N

CHIP IC

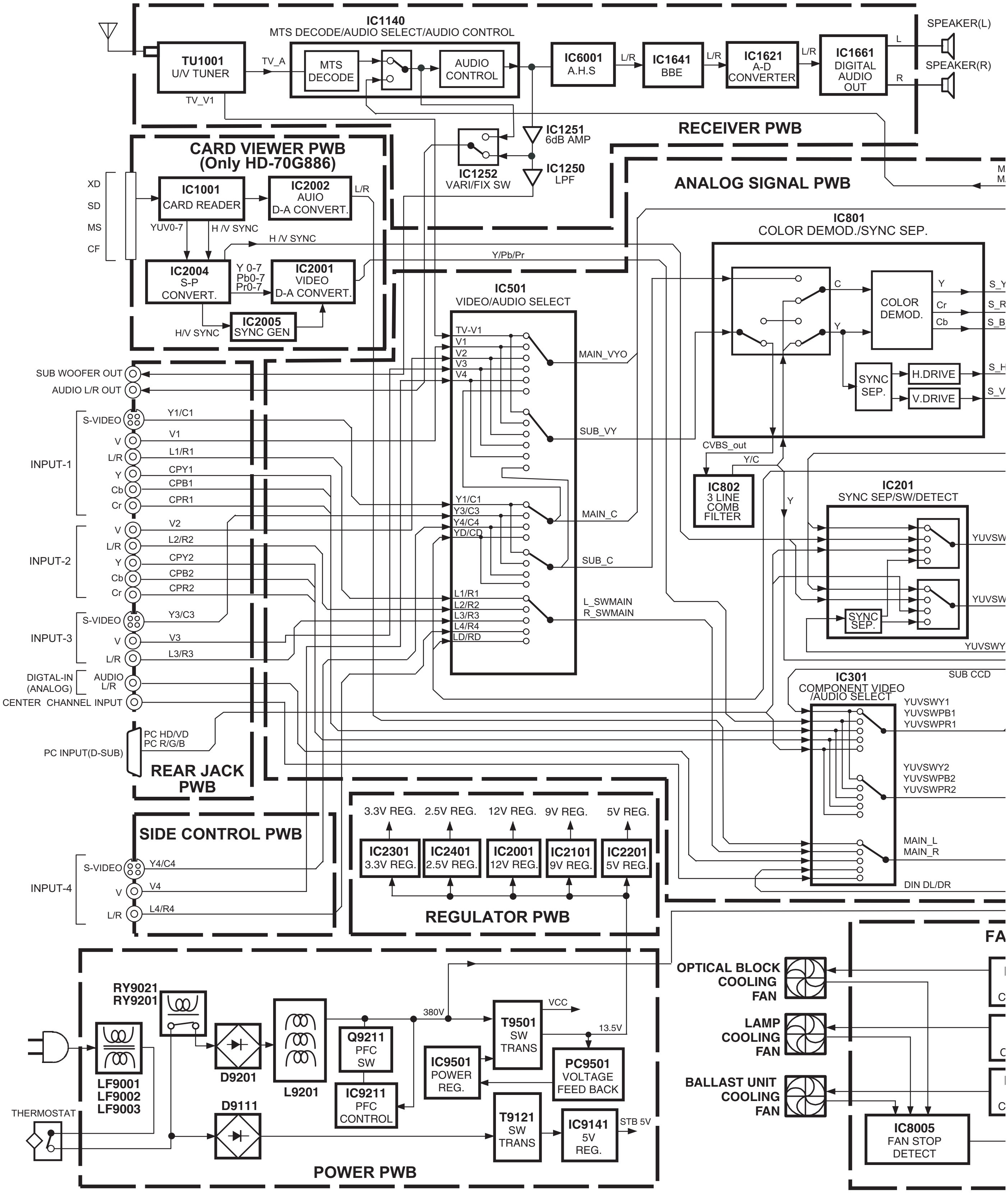

TOP VIEW
N
1
1
N

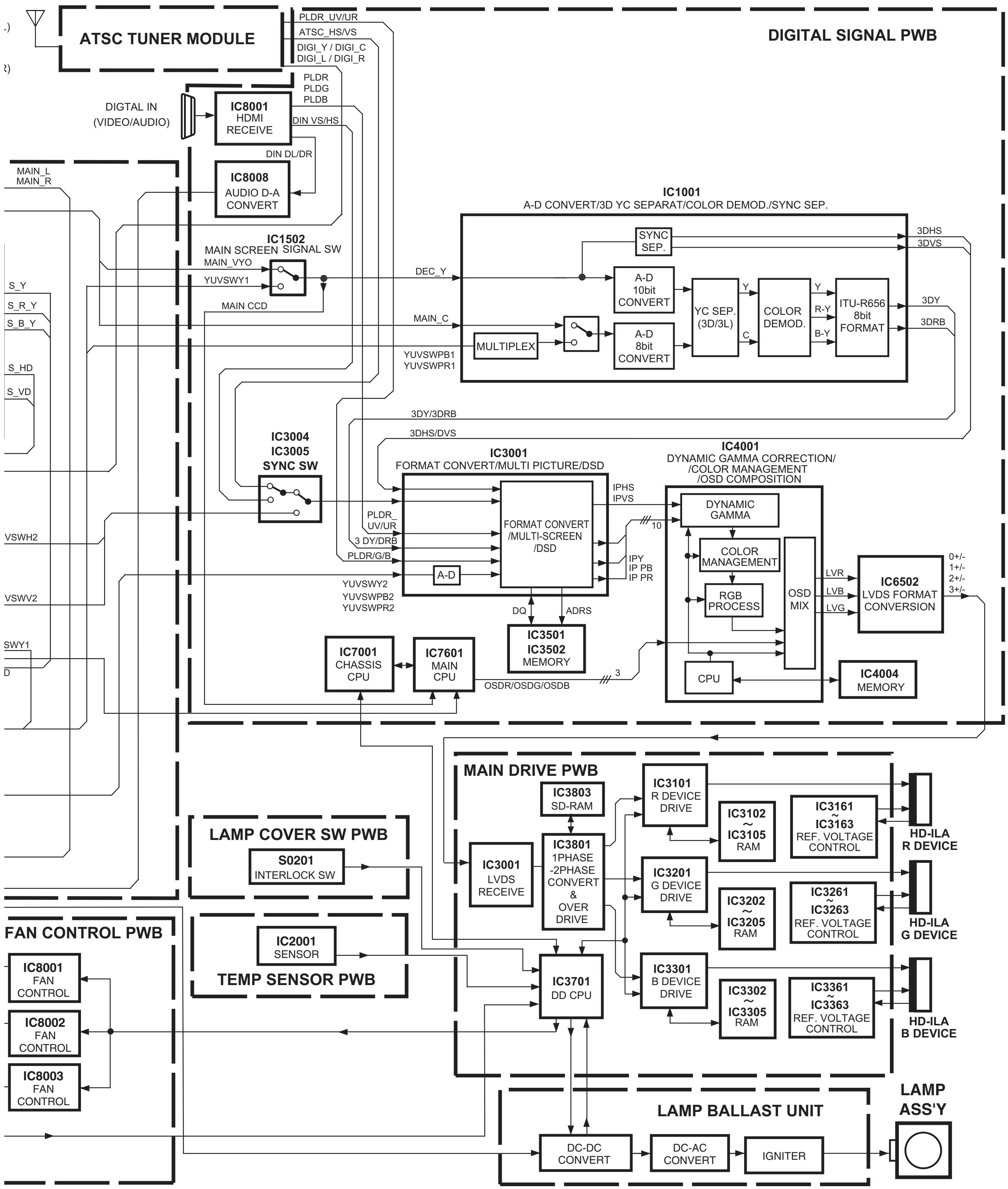
WIRING DIAGRAM


CARD VIEWER
(Only HV-70G886)
CN8CV3
1 3
CN8CV1
1 12
DIGITAL SIGNAL PWB
CN0FC
1 30
CN001
1 50
CN002
1 30
CN003
15 1
CN005
110 56
1 55
CN0LV2
31 1
[ATSC TUNER MODULE]
ANALOG SIGNAL PWB
CN0J1
1 50
CN0J2
1 50
CN001
30 1
CN002
30 1
CN00D
1 12
CN00A
1 3
CN00T
40 1
CN00F
50 1
CN0CV1
1 12
CN0CV2
1 4
CN00G
1 7
ATSC TUNER MODULE
CN1302
6 1
CN9601
3 1
CN9701
4 1
DIGITAL SIGNAL PWB CN005
CN1502
110 56
1 55
ATSC TUNER MODULE COOLING FAN
SD CARD PWB
CN1001
1 6
REGULATOR PWB
CN2CV3
3 1
CN20D
12 1
CN203
1 15
CN20B
10 1
REAR JACK PWB
CN20PH
1 3
CNJ0J1
50 1
CNJ0J2
50 1
POWER PWB
CN90BL
1 3
CN90SE
3 1
CN90AA
1 5
CN90B
1 10
CN90DD
1 5
CN90DU
1 3
CN90G
1 7
12 1
7 1
4 1
FRO
P


ER PWB
886)
N8CV2
1 4
CN800R
4 1
REMOTE SENSOR PWB
TEMP SENSOR PWB
CN2307
4 1
LAMP COVER SW PWB
CN0CSW
3 1
30 1
CN10FC
8 1
CN100C
3 1
CN10PH
4 1
CN100R
3 1
CN100A
1 40
CN100T
1 50
CN100F
RECEIVER PWB
12 1
CN10FJ
7 1
CN10FL
4 1
CN10SW
5 1
CN10AA
4 1
CN10SP
B DEVICE
R DEVICE
G DEVICE
1 79
CN304
79 1
CN302
4 1
CN307
1 31
CN301
79 1
CN303
1 8
CN305
MAIN DRIVE PWB
CN306
1 3
CN311
1 4
CN309
1 16
CN308
1 9
8 1
CN310
SPEAKER (L)
SPEAKER (R)
CN00FL
1 5
RONT LED PWB
4 1
CN00SW
10 1
CN00FJ
SIDE CONTROL PWB
1 3
CN803
CN804
1 4
CN802
1 3
CN801
8 1
FAN CONTROL PWB
LAMP COOLING FAN
BALLAST UNIT COOLING FAN
OP UNIT COOLING FAN
CN101
1 3
LAMP BALLAST UNIT
LAMP
THERMOSTAT

BLOCK DIAGRAM

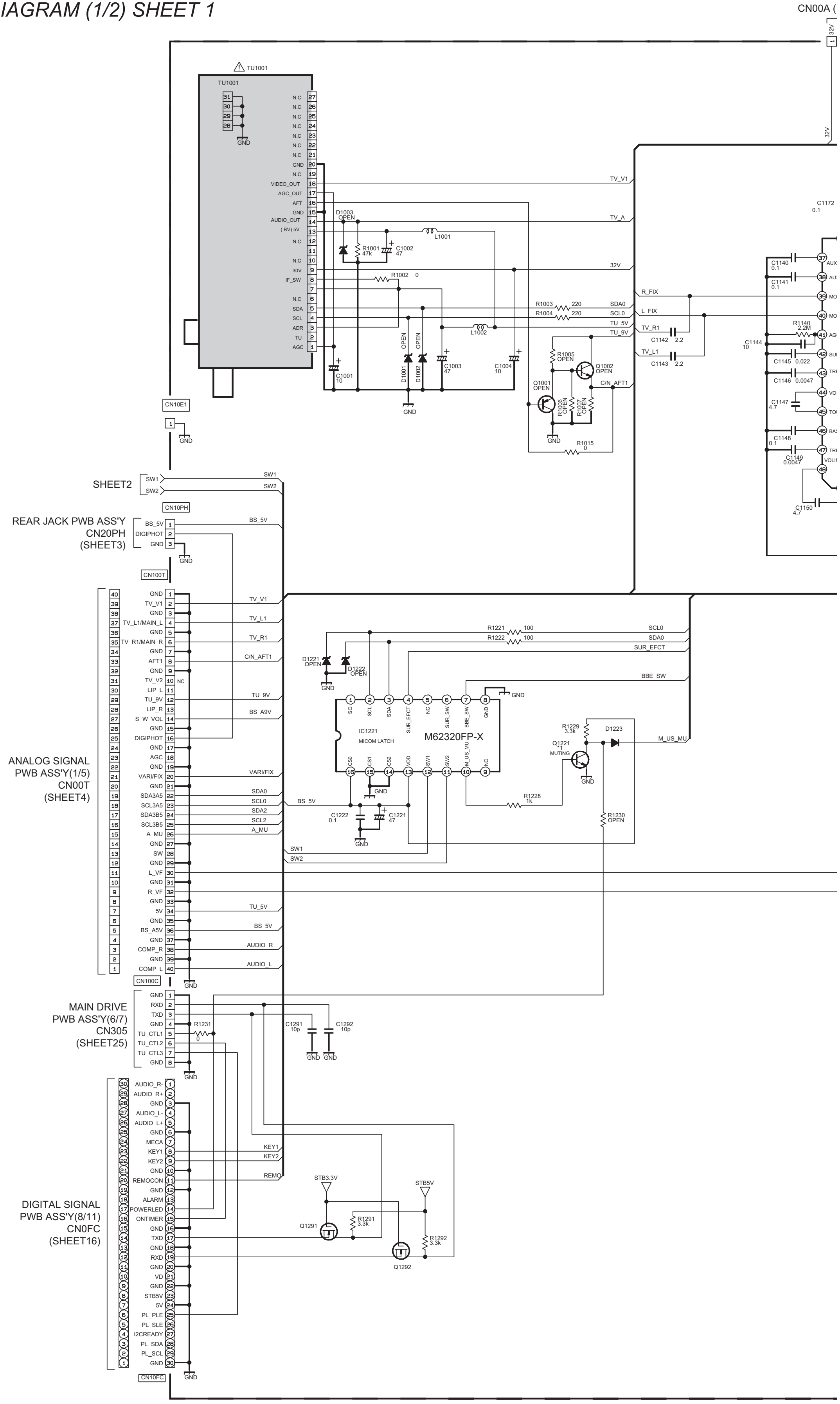

IC1140
MTS DECODE/AUDIO SELECT/AUDIO CONTROL
TU1001
U/V TUNER
TV_A
TV_V1
MTS
DECODE
AUDIO
CONTROL
IC6001
A.H.S
L/R
IC1641
BBE
L/R
IC1621
A-D
CONVERTER
L/R
IC1661
DIGITAL
AUDIO
OUT
SPEAKER(L)
L
SPEAKER(R)
R
RECEIVER PWB
IC1251
6dB AMP
IC1252
VARI/FIX SW
IC1250
LPF
CARD VIEWER PWB
(Only HD-70G886)
XD
SD
MS
CF
IC1001
CARD READER
IC2002
AUIO
D-A CONVERT.
L/R
YUV0-7
H /V SYNC
H /V SYNC
IC2004
S-P
CONVERT.
Y 0-7
Pb0-7
Pr0-7
IC2001
VIDEO
D-A CONVERT.
Y/Pb/Pr
H/V SYNC
IC2005
SYNC GEN
ANALOG SIGNAL PWB
M
M
IC801
COLOR DEMOD./SYNC SEP.
C
Y
COLOR
DEMOD.
Y
Cr
Cb
S_Y
S_R
S_B
SYNC
SEP.
H.DRIVE
V.DRIVE
S_H
S_V
IC501
VIDEO/AUDIO SELECT
TV-V1
V1
V2
V3
V4
MAIN_VYO
SUB_VY
Y1/C1
Y3/C3
Y4/C4
YD/CD
MAIN_C
SUB_C
L1/R1
L2/R2
L3/R3
L4/R4
LD/RD
L_SWMAIN
R_SWMAIN
CVBS_out
Y/C
IC802
3 LINE
COMB
FILTER
Y
IC201
SYNC SEP/SW/DETECT
YUVSW
YUVSW
SYNC
SEP.
YUVSWY
SUB CCD
IC301
COMPONENT VIDEO
/AUDIO SELECT
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
MAIN_L
MAIN_R
DIN DL/DR
SUB WOOFER OUT
AUDIO L/R OUT
S-VIDEO
Y1/C1
V
V1
L/R
L1/R1
INPUT-1
Y
CPY1
Cb
CPB1
Cr
CPR1
V
V2
L/R
L2/R2
INPUT-2
Y
CPY2
Cb
CPB2
Cr
CPR2
S-VIDEO
Y3/C3
INPUT-3
V
V3
L/R
L3/R3
DIGTAL-IN
(ANALOG)
AUDIO
L/R
CENTER CHANNEL INPUT
PC INPUT(D-SUB)
PC HD/VD
PC R/G/B
REAR JACK
PWB
SIDE CONTROL PWB
S-VIDEO
Y4/C4
INPUT-4
V
V4
L/R
L4/R4
3.3V REG.
2.5V REG.
12V REG.
9V REG.
5V REG.
IC2301
3.3V REG.
IC2401
2.5V REG.
IC2001
12V REG.
IC2101
9V REG.
IC2201
5V REG.
REGULATOR PWB
FA
OPTICAL BLOCK
COOLING
FAN
LAMP
COOLING
FAN
BALLAST UNIT
COOLING
FAN
C
C
C
IC8005
FAN STOP
DETECT
RY9021
RY9201
LF9001
LF9002
LF9003
D9201
L9201
Q9211
PFC
SW
IC9211
PFC
CONTROL
380V
T9501
SW
TRANS
VCC
13.5V
IC9501
POWER
REG.
PC9501
VOLTAGE
FEED BACK
THERMOSTAT
D9111
T9121
SW
TRANS
IC9141
5V
REG.
STB 5V
POWER PWB

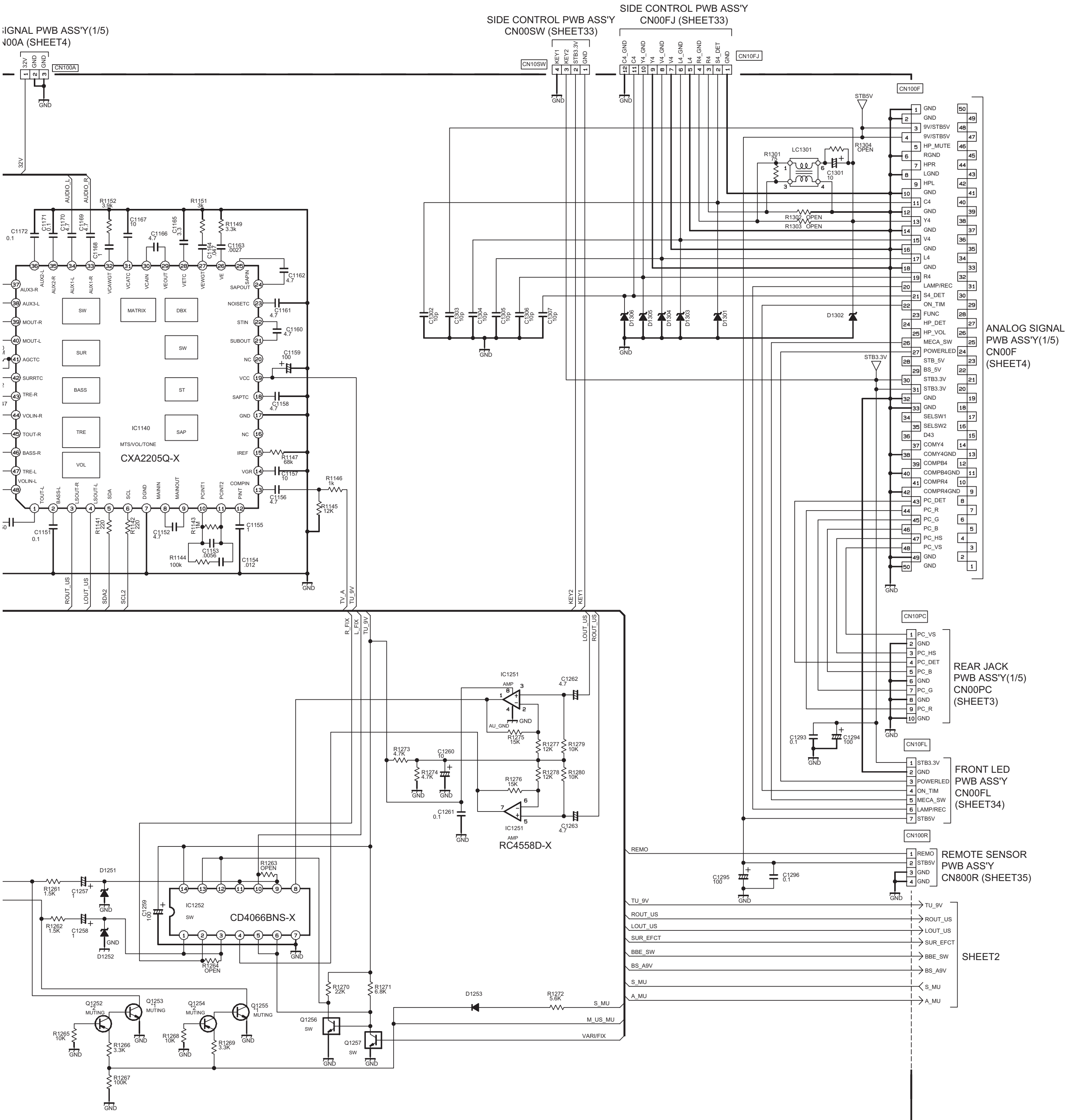


ATSC TUNER MODULE
DIGITAL SIGNAL PWB
PLDR_UV/UR
ATSC_HS/VS
DIGI_Y / DIGI_C
DIGI_L / DIGI_R
PLDR
PLDG
PLDB
DIGTAL IN
(VIDEO/AUDIO)
IC8001
HDMI
RECEIVE
DIN VS/HS
DIN DL/DR
IC8008
AUDIO D-A
CONVERT
MAIN_L
MAIN_R
IC1001
A-D CONVERT/3D YC SEPARAT/COLOR DEMOD./SYNC SEP.
SYNC
SEP.
3DHS
3DVS
IC1502
MAIN SCREEN SIGNAL SW
MAIN_VYO
YUVSWY1
DEC_Y
A-D
10bit
CONVERT
YC SEP.
(3D/3L)
COLOR
DEMOD.
ITU-R656
8bit
FORMAT
Y
C
Y
R-Y
B-Y
3DY
3DRB
S_Y
S_R_Y
S_B_Y
MAIN CCD
MAIN_C
MULTIPLEX
A-D
8bit
CONVERT
YUVSWPB1
YUVSWPR1
S_HD
S_VD
3DY/3DRB
3DHS/DVS
IC3004
IC3005
SYNC SW
IC3001
FORMAT CONVERT/MULTI PICTURE/DSD
FORMAT CONVERT
/MULTI-SCREEN
/DSD
IC4001
DYNAMIC GAMMA CORRECTION/
/COLOR MANAGEMENT
/OSD COMPOSITION
IPHS
IPVS
DYNAMIC
GAMMA
10
COLOR
MANAGEMENT
RGB
PROCESS
OSD
MIX
IPY
IP PB
IP PR
LVR
LVB
LVG
IC6502
LVDS FORMAT
CONVERSION
0+/-
1+/-
2+/-
3+/-
VSWH2
PLDR_
UV/UR
3 DY/DRB
PLDR/G/B
A-D
VSWV2
YUVSWY2
YUVSWPB2
YUVSWPR2
DQ
ADRS
IC3501
IC3502
MEMORY
SWY1
D
IC7001
CHASSIS
CPU
IC7601
MAIN
CPU
OSDR/OSDG/OSDB
3
CPU
IC4004
MEMORY
MAIN DRIVE PWB
IC3803
SD-RAM
IC3801
1PHASE
-2PHASE
CONVERT
&
OVER
DRIVE
IC3001
LVDS
RECEIVE
IC3101
R DEVICE
DRIVE
IC3102
~
IC3105
RAM
IC3161
~
IC3163
REF. VOLTAGE
CONTROL
HD-ILA
R DEVICE
IC3201
G DEVICE
DRIVE
IC3202
~
IC3205
RAM
IC3261
~
IC3263
REF. VOLTAGE
CONTROL
HD-ILA
G DEVICE
IC3301
B DEVICE
DRIVE
IC3302
~
IC3305
RAM
IC3361
~
IC3363
REF. VOLTAGE
CONTROL
HD-ILA
B DEVICE
IC3701
DD CPU
LAMP COVER SW PWB
S0201
INTERLOCK SW
IC2001
SENSOR
TEMP SENSOR PWB
FAN CONTROL PWB
IC8001
FAN
CONTROL
IC8002
FAN
CONTROL
IC8003
FAN
CONTROL
LAMP BALLAST UNIT
DC-DC
CONVERT
DC-AC
CONVERT
IGNITER
LAMP
ASS'Y

CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM (1/2) SHEET 1


ANALOG SIGNAL
CN00A (
32V
TU1001
N.C
GND
VIDEO_OUT
AGC_OUT
AFT
AUDIO_OUT
(BV) 5V
30V
IF_SW
SDA
SCL
ADR
TU
AGC
D1003 OPEN
R1001 47k
C1002 47
L1001
R1002 0
R1003 220
R1004 220
L1002
D1001 OPEN
D1002 OPEN
C1001 10
C1003 47
C1004 10
R1005 OPEN
Q1001 OPEN
Q1002 OPEN
R1006 OPEN
R1007 OPEN
R1015 0
TV_V1
TV_A
32V
SDA0
SCL0
TU_5V
TU_9V
C/N_AFT1
R_FIX
L_FIX
TV_R1
TV_L1
C1142 2.2
C1143 2.2
C1172 0.1
C1140 0.1
C1141 0.1
C1144 10
R1140 2.2M
C1145 0.022
C1146 0.0047
C1147 4.7
C1148 0.1
C1149 0.0047
C1150 4.7
CN10E1
GND
SHEET2
SW1
SW2
CN10PH
REAR JACK PWB ASS'Y
CN20PH
(SHEET3)
BS_5V
DIGIPHOT
CN100T
ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00T
(SHEET4)
TV_V1
TV_L1/MAIN_L
TV_R1/MAIN_R
AFT1
TV_V2
LIP_L
TU_9V
LIP_R
S_W_VOL
AGC
VARI/FIX
SDA3A5
SCL3A5
SDA3B5
SCL3B5
A_MU
SW
L_VF
R_VF
5V
BS_A5V
COMP_R
COMP_L
NC
TV_L1
TV_R1
C/N_AFT1
TU_9V
BS_A9V
VARI/FIX
SDA0
SCL0
SDA2
SCL2
A_MU
TU_5V
BS_5V
AUDIO_R
AUDIO_L
CN100C
R1221 100
R1222 100
SCL0
SDA0
SUR_EFCT
BBE_SW
D1221 OPEN
D1222 OPEN
IC1221
MICOM LATCH
M62320FP-X
SO
SCL
SDA
SUR_EFCT
NC
SUR_SW
BBE_SW
GND
CS0
CS1
CS2
VDD
SW1
SW2
M_US_MU
C1222 0.1
C1221 47
R1228 1k
R1229 3.3k
Q1221
MUTING
D1223
M_US_MU
R1230 OPEN
BS_5V
SW1
SW2
MAIN DRIVE
PWB ASS'Y(6/7)
CN305
(SHEET25)
RXD
TXD
TU_CTL1
TU_CTL2
TU_CTL3
R1231 0
C1291 10p
C1292 10p
DIGITAL SIGNAL
PWB ASS'Y(8/11)
CN0FC
(SHEET16)
AUDIO_R-
AUDIO_R+
AUDIO_L-
AUDIO_L+
MECA
KEY1
KEY2
REMOCON
ALARM
POWERLED
ONTIMER
TXD
RXD
VD
STB5V
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
CN10FC
KEY1
KEY2
REMO
STB3.3V
STB5V
Q1291
R1291 3.3k
R1292 3.3k
Q1292



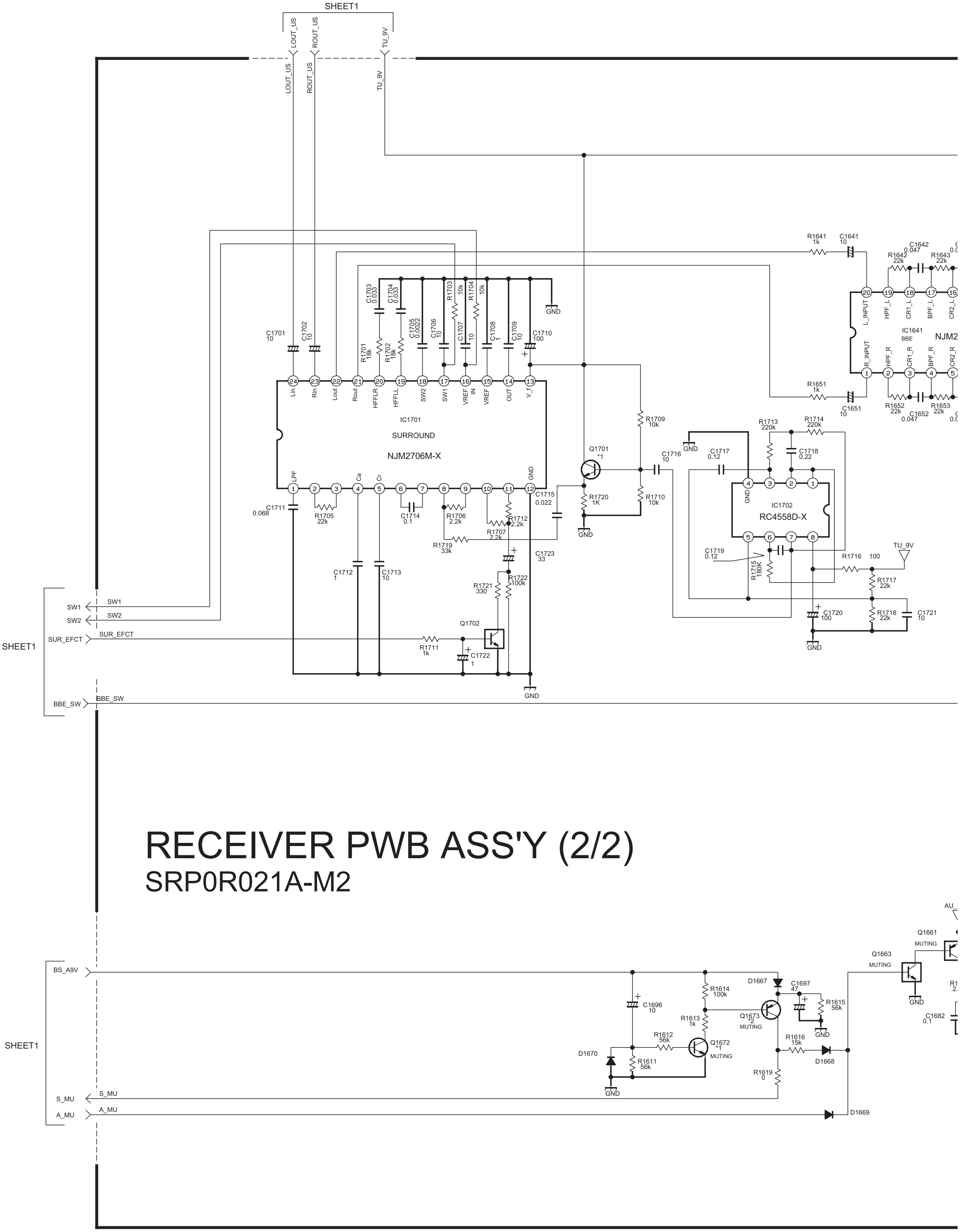
SIGNAL PWB ASS'Y(1/5)
N00A (SHEET4)
CN100A
SIDE CONTROL PWB ASS'Y
CN00SW (SHEET33)
CN10SW
SIDE CONTROL PWB ASS'Y
CN00FJ (SHEET33)
CN10FJ
CN100F
ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00F
(SHEET4)
IC1140
MTS/VOL/TONE
CXA2205Q-X
LC1301
D1301
D1302
D1303
D1304
D1305
D1306
STB5V
STB3.3V
CN10PC
REAR JACK
PWB ASS'Y(1/5)
CN00PC
(SHEET3)
CN10FL
FRONT LED
PWB ASS'Y
CN00FL
(SHEET34)
CN100R
REMOTE SENSOR
PWB ASS'Y
CN800R (SHEET35)
SHEET2
IC1251
AMP
RC4558D-X
IC1252
SW
CD4066BNS-X
Q1252
Q1253
Q1254
Q1255
MUTING
Q1256
Q1257
SW
D1251
D1252
D1253
ROUT_US
LOUT_US
SDA2
SCL2
TV_A
TU_9V
KEY2
KEY1
R_FIX
L_FIX
REMO
SUR_EFCT
BBE_SW
BS_A9V
S_MU
A_MU
M_US_MU
VARI/FIX
GND

RECEIVER PWB ASS'Y (1/2)

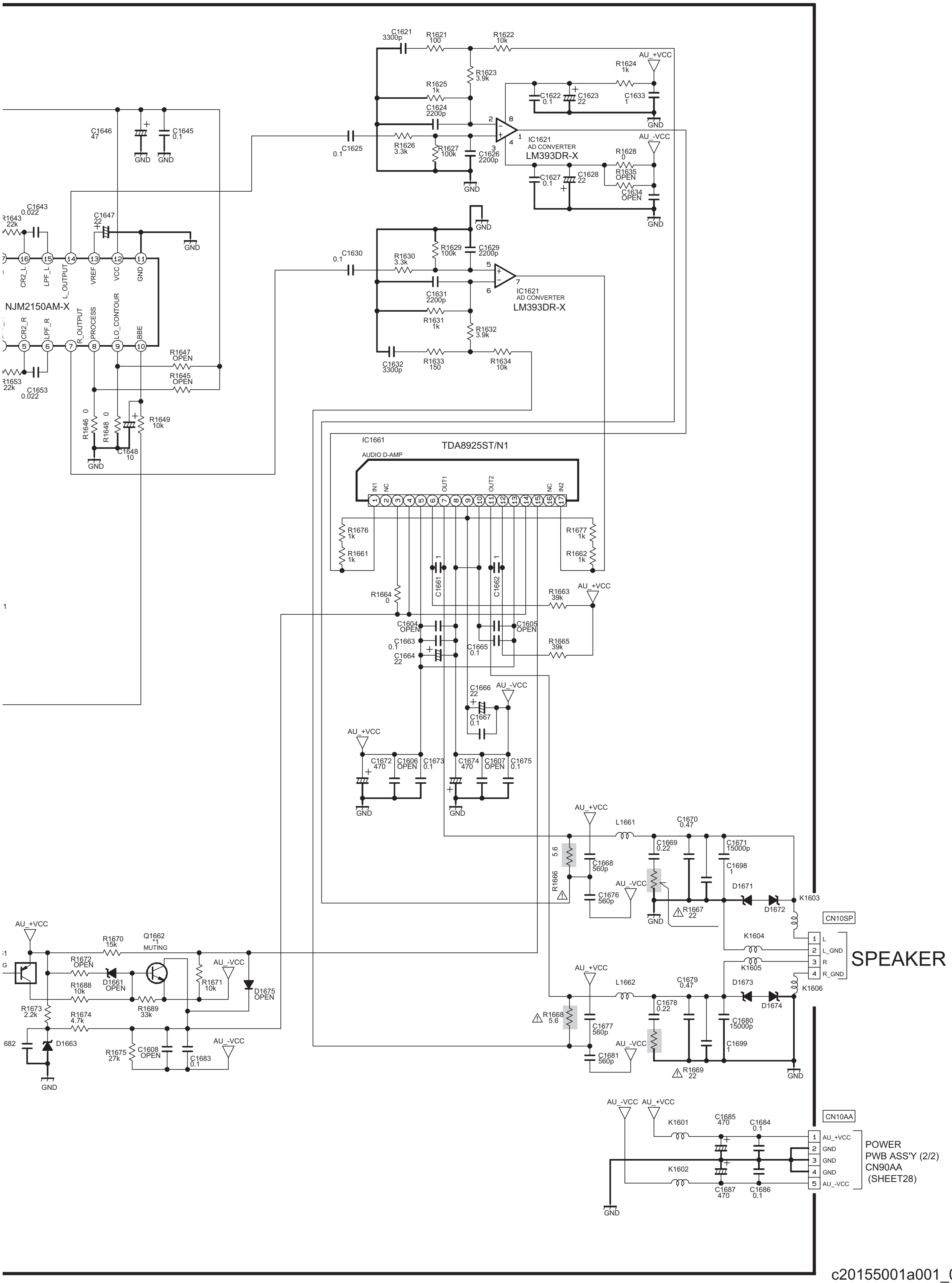
SRP0R021A-M2

c20155001a001_0216_1/2_0.0

RECEIVER PWB CIRCUIT DIAGRAM (2/2) SHEET 2



SHEET1
LOUT_US
ROUT_US
TU_9V
C1701 10
C1702 10
C1703 0.033
C1704 0.033
C1705 0.0022
C1706 10
C1707 10
C1708 1
C1709 10
C1710 100
R1701 18k
R1702 18k
R1703 10k
R1704 10k
GND
Lin
Rin
Lout
Rout
HFFLR
HFFLL
SW2
SW1
VREF IN
VREF
OUT
V+
IC1701
SURROUND
NJM2706M-X
LPF
Ca
Cr
C1711 0.068
R1705 22k
C1714 0.1
R1706 2.2k
R1712 2.2k
R1707 2.2k
R1719 33k
C1715 0.022
C1723 33
C1712 1
C1713 10
R1721 330
R1722 100k
Q1702
R1711 1k
C1722 1
Q1701 *1
R1720 1K
R1709 10k
R1710 10k
C1716 10
C1717 0.12
R1713 220k
R1714 220k
C1718 0.22
IC1702
RC4558D-X
C1719 0.12
R1715 180K
R1716 100
R1717 22k
R1718 22k
C1720 100
C1721 10
R1641 1k
C1641 10
C1642 0.047
R1642 22k
R1643 22k
L_INPUT
HPF_L
CR1_L
BPF_L
CR2_L
IC1641
BBE
NJM2
R_INPUT
HPF_R
CR1_R
BPF_R
CR2_R
R1651 1k
C1651 10
R1652 22k
C1652 0.047
R1653 22k
SW1
SW2
SUR_EFCT
BBE_SW
RECEIVER PWB ASS'Y (2/2)
SRP0R021A-M2
BS_A9V
S_MU
A_MU
C1696 10
D1670
R1611 56k
R1612 56k
R1613 1k
R1614 100k
Q1672 *1 MUTING
Q1673 *2 MUTING
D1667
C1697 47
R1615 56k
R1616 15k
D1668
R1619 0
D1669
Q1663 MUTING
Q1661 MUTING
C1682 0.1
AU_


C1621 3300p
R1621 100
R1622 10k
R1623 3.9k
R1624 1k
AU_+VCC
R1625 1k
C1624 2200p
C1622 0.1
C1623 22
C1633 1
GND
C1646 47
C1645 0.1
C1625 0.1
R1626 3.3k
R1627 100k
C1626 2200p
IC1621 AD CONVERTER LM393DR-X
R1628 0
AU_-VCC
C1627 0.1
C1628 22
R1635 OPEN
C1634 OPEN
C1643 0.022
R1643 22k
C1647 22
CR2_L
LPF_L
L_OUTPUT
VREF
VCC
GND
NJM2150AM-X
CR2_R
LPF_R
R_OUTPUT
PROCESS
LO_CONTOUR
BBE
R1653 22k
C1653 0.022
R1647 OPEN
R1645 OPEN
R1646 0
R1648 0
C1648 10
R1649 10k
C1630 0.1
R1630 3.3k
R1629 100k
C1629 2200p
C1631 2200p
R1631 1k
R1632 3.9k
C1632 3300p
R1633 150
R1634 10k
IC1661
AUDIO D-AMP
TDA8925ST/N1
IN1
NC
OUT1
OUT2
NC
IN2
R1676 1k
R1661 1k
R1677 1k
R1662 1k
C1661 1
C1662 1
R1664 0
R1663 39k
C1604 OPEN
C1605 OPEN
C1663 0.1
C1664 22
C1665 0.1
R1665 39k
C1666 22
C1667 0.1
C1672 470
C1606 OPEN
C1673 0.1
C1674 470
C1607 OPEN
C1675 0.1
L1661
C1670 0.47
C1669 0.22
C1671 15000p
C1668 560p
C1698 1
R1666 5.6
C1676 560p
D1671
D1672
K1603
R1667 22
CN10SP
K1604
1 L
2 L_GND
3 R
4 R_GND
K1605
SPEAKER
AU_+VCC
R1670 15k
Q1662 *1 MUTING
R1672 OPEN
D1661 OPEN
R1688 10k
R1671 10k
D1675 OPEN
R1689 33k
R1673 2.2k
R1674 4.7k
D1663
R1675 27k
C1608 OPEN
C1683 0.1
L1662
C1679 0.47
C1678 0.22
D1673
D1674
K1606
R1668 5.6
C1677 560p
C1680 15000p
C1699 1
C1681 560p
R1669 22
K1601
C1685 470
C1684 0.1
CN10AA
1 AU_+VCC
2 GND
3 GND
4 GND
5 AU_-VCC
K1602
C1687 470
C1686 0.1
POWER
PWB ASS'Y (2/2)
CN90AA
(SHEET28)

c20155001a001_0216_2/2_0.0

REAR JACK PWB CIRCUIT DIAGRAM SHEET3

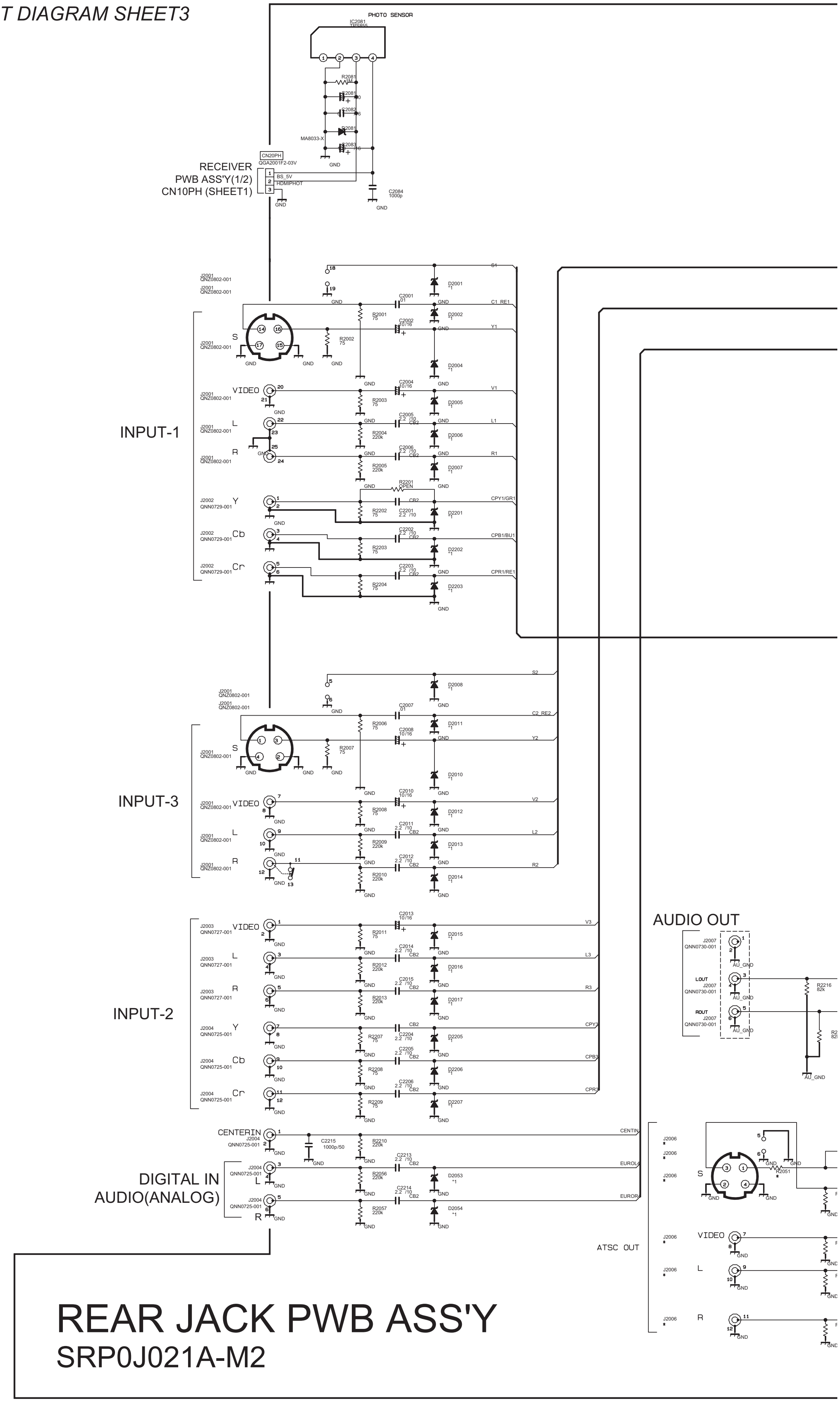
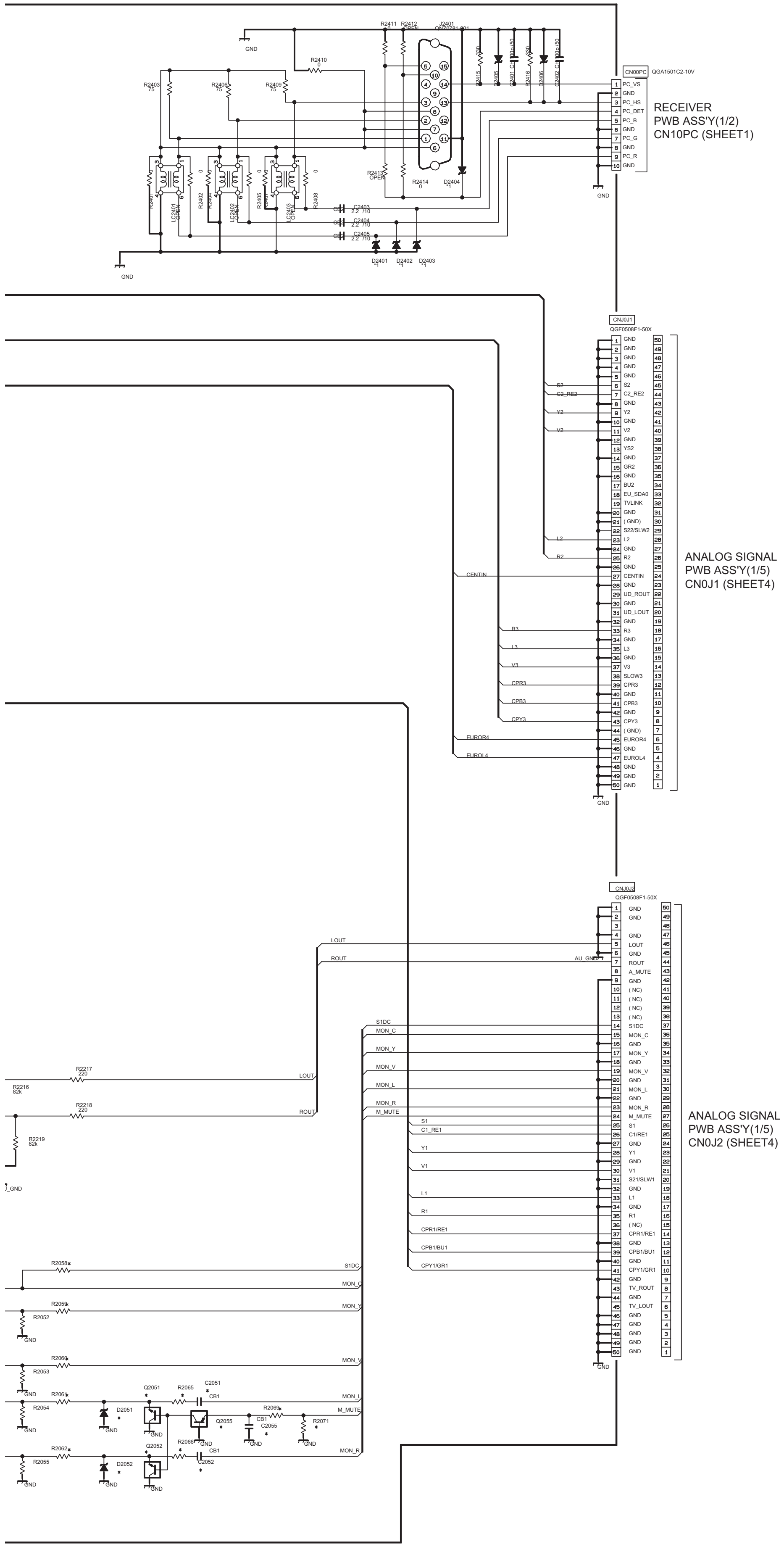


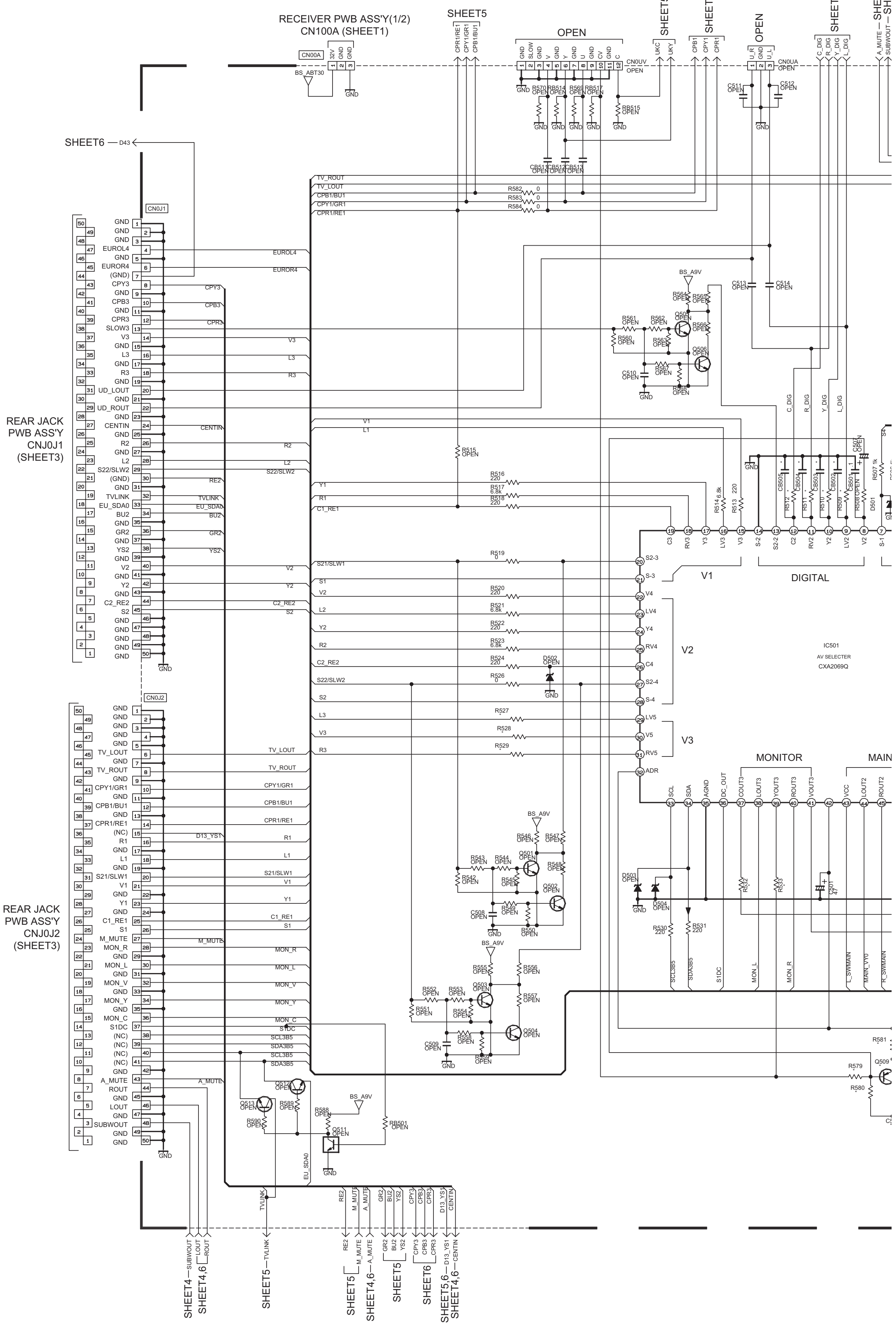
PHOTO SENSOR
IC2081
MA8033-X
CN20PH
QGA2001F2-03V
RECEIVER
PWB ASS'Y(1/2)
CN10PH (SHEET1)
BS_5V
HDMIPHOT
C2084
1000p
GND
INPUT-1
S
VIDEO
L
R
Y
Cb
Cr
J2001
QNZ0802-001
J2002
QNN0729-001
S1
C1_RE1
Y1
V1
L1
R1
CPY1/GR1
CPB1/BU1
CPR1/RE1
INPUT-3
S2
C2_RE2
Y2
V2
L2
R2
INPUT-2
J2003
QNN0727-001
J2004
QNN0725-001
V3
L3
R3
CENTERIN
C2215
1000p/50
DIGITAL IN
AUDIO(ANALOG)
CENTIN
EUROL
EUROR
AUDIO OUT
J2007
QNN0730-001
LOUT
ROUT
AU_GND
R2216
82k
ATSC OUT
J2006
REAR JACK PWB ASS'Y
SRP0J021A-M2


GND
R2410
0
R2411
0
R2412
OPEN
J2401
QNZ0781-001
R2403
75
R2406
75
R2409
75
R2415
330
D2405
C2401 CH100p/50
R2416
330
D2406
C2402 CH100p/50
CN00PC
QGA1501C2-10V
1 PC_VS
2 GND
3 PC_HS
4 PC_DET
5 PC_B
6 GND
7 PC_G
8 GND
9 PC_R
10 GND
RECEIVER
PWB ASS'Y(1/2)
CN10PC (SHEET1)
R2401
R2402
R2404
R2405
R2407
R2408
LC2401 OPEN
LC2402 OPEN
LC2403 OPEN
R2413 OPEN
R2414 0
D2404 *1
CB2
C2403 2.2 /10
C2404 2.2 /10
C2405 2.2 /10
D2401 *1
D2402 *1
D2403 *1
CNJ0J1
QGF0508F1-50X
S2
C2_RE2
Y2
V2
L2
R2
CENTIN
R3
L3
V3
CPR3
CPB3
CPY3
EURQR4
EUROL4
1 GND 50
2 GND 49
3 GND 48
4 GND 47
5 GND 46
6 S2 45
7 C2_RE2 44
8 GND 43
9 Y2 42
10 GND 41
11 V2 40
12 GND 39
13 YS2 38
14 GND 37
15 GR2 36
16 GND 35
17 BU2 34
18 EU_SDA0 33
19 TVLINK 32
20 GND 31
21 (GND) 30
22 S22/SLW2 29
23 L2 28
24 GND 27
25 R2 26
26 GND 25
27 CENTIN 24
28 GND 23
29 UD_ROUT 22
30 GND 21
31 UD_LOUT 20
32 GND 19
33 R3 18
34 GND 17
35 L3 16
36 GND 15
37 V3 14
38 SLOW3 13
39 CPR3 12
40 GND 11
41 CPB3 10
42 GND 9
43 CPY3 8
44 (GND) 7
45 EURQR4 6
46 GND 5
47 EUROL4 4
48 GND 3
49 GND 2
50 GND 1
ANALOG SIGNAL
PWB ASS'Y(1/5)
CN0J1 (SHEET4)
CNJ0J2
QGF0508F1-50X
LOUT
ROUT
AU_GND
S1DC
MON_C
MON_Y
MON_V
MON_L
MON_R
M_MUTE
S1
C1_RE1
Y1
V1
L1
R1
CPR1/RE1
CPB1/BU1
CPY1/GR1
1 GND 50
2 GND 49
3 48
4 GND 47
5 LOUT 46
6 GND 45
7 ROUT 44
8 A_MUTE 43
9 GND 42
10 (NC) 41
11 (NC) 40
12 (NC) 39
13 (NC) 38
14 S1DC 37
15 MON_C 36
16 GND 35
17 MON_Y 34
18 GND 33
19 MON_V 32
20 GND 31
21 MON_L 30
22 GND 29
23 MON_R 28
24 M_MUTE 27
25 S1 26
26 C1/RE1 25
27 GND 24
28 Y1 23
29 GND 22
30 V1 21
31 S21/SLW1 20
32 GND 19
33 L1 18
34 GND 17
35 R1 16
36 (NC) 15
37 CPR1/RE1 14
38 GND 13
39 CPB1/BU1 12
40 GND 11
41 CPY1/GR1 10
42 GND 9
43 TV_ROUT 8
44 GND 7
45 TV_LOUT 6
46 GND 5
47 GND 4
48 GND 3
49 GND 2
50 GND 1
ANALOG SIGNAL
PWB ASS'Y(1/5)
CN0J2 (SHEET4)
R2217
220
R2216
82k
R2218
220
R2219
82k
_GND
R2058 *
R2059 *
R2052
R2060 *
R2053
R2061 *
R2054
R2062 *
R2055
D2051 *
D2052 *
Q2051 *
Q2052 *
R2065 *
R2066 *
C2051 *
C2052 *
CB1
Q2055 *
C2055 *
R2069 *
R2071 *

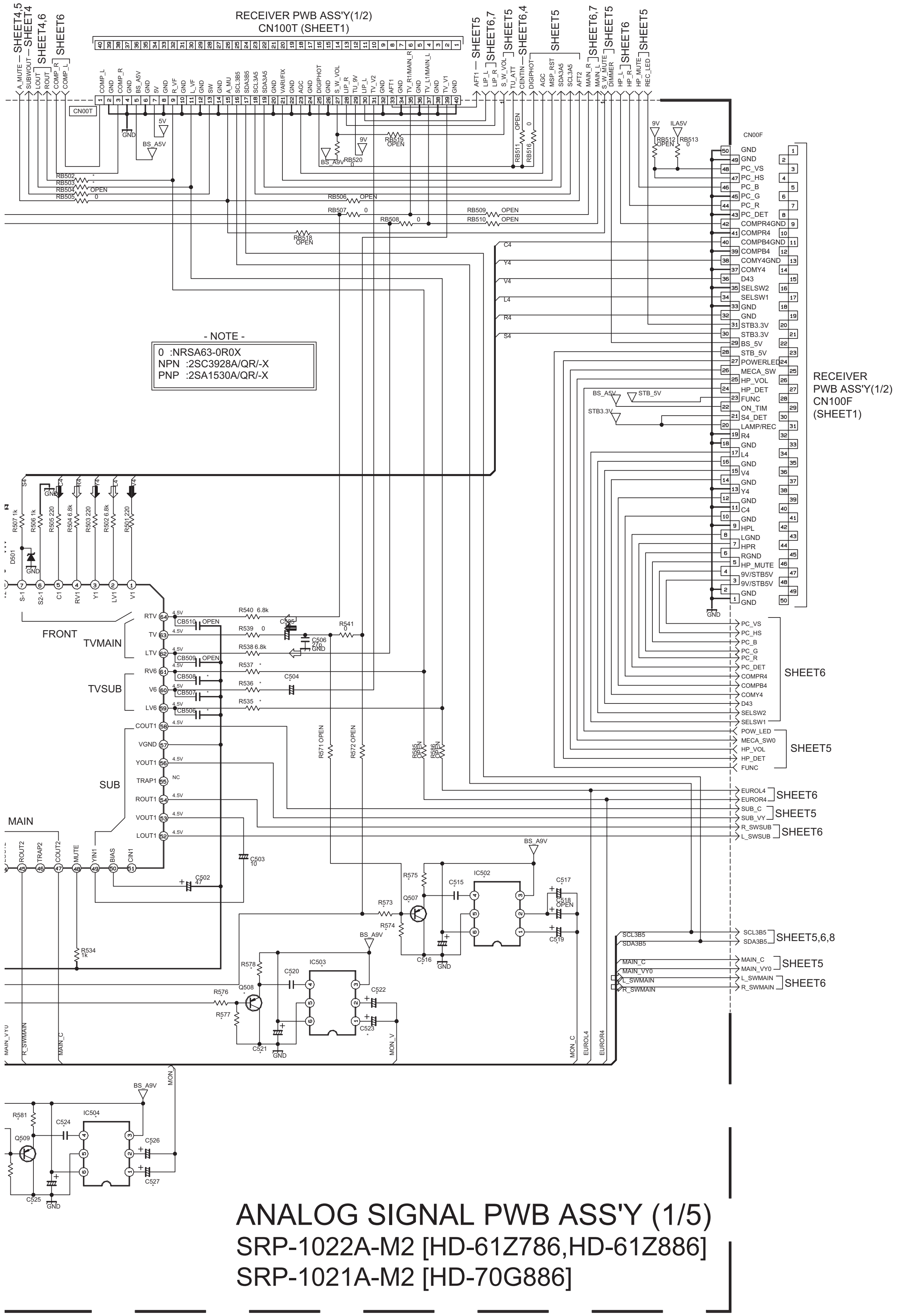
DIFFERENCE LIST

	SRP-0J021A	SRP-0J022A
J2006	QNZ0801 -001	OPEN
R2051	75	OPEN
R2052	2.2k	OPEN
R2053	2.2k	OPEN
R2054	22k	OPEN
R2055	22k	OPEN
R2059	75	OPEN
R2060	75	OPEN
R2061	390	OPEN
R2062	390	OPEN
R2065	470	OPEN
R2066	470	OPEN
R2069	1K	OPEN
R2071	39k	OPEN
C2051	2.2/16	OPEN
C2052	2.2/16	OPEN
C2055	1/16	OPEN
Q2051	UN2226-X	OPEN
Q2052	UN2226-X	OPEN
Q2055	UN2110-X	OPEN

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET4



RECEIVER PWB ASS'Y(1/2)
CN100A (SHEET1)
CN00A
32V
GND
GND
BS_ABT30
SHEET5
CPR1/RE1
CPY1/GR1
CPB1/BU1
OPEN
CN0UV
OPEN
UKC
UKY
SHEET5
SHEET6
CPB1
CPY1
CPR1
OPEN
U_R
GND
U_L
CN0UA
OPEN
C511
OPEN
C512
OPEN
SHEET5
C_DIG
R_DIG
Y_DIG
L_DIG
SHEET4,5
SHEET4
A_MUTE
SUBWOUT
SHEET6
D43
TV_ROUT
TV_LOUT
CPB1/BU1
CPY1/GR1
CPR1/RE1
R582 0
R583 0
R584 0
CB511 OPEN
CB512 OPEN
CB513 OPEN
RB515 OPEN
CN0J1
REAR JACK
PWB ASS'Y
CNJ0J1
(SHEET3)
EUROL4
EUROR4
CPY3
CPB3
CPR3
SLOW3
V3
L3
R3
UD_LOUT
UD_ROUT
CENTIN
R2
L2
S22/SLW2
RE2
TVLINK
EU_SDA0
BU2
GR2
YS2
V2
Y2
C2_RE2
S2
BS_A9V
R561 OPEN
R562 OPEN
R560 OPEN
R563 OPEN
R564 OPEN
R565 OPEN
R566 OPEN
Q505 OPEN
Q506 OPEN
C510 OPEN
R567 OPEN
R568 OPEN
C513 OPEN
C514 OPEN
V1
L1
R515 OPEN
R516 220
R517 6.8k
R518 220
Y1
R1
C1_RE1
R514 6.8k
R513 220
C507 OPEN
R507 1k
D501
CB505
CB504
CB503
CB502
CB501
R512
R511
R510
R509
R508 OPEN
S21/SLW1
S1
R519 0
R520 220
R521 6.8k
R522 220
R523 6.8k
R524 220
D502 OPEN
R526 0
R527
R528
R529
S2-3
S-3
V4
LV4
Y4
RV4
C4
S2-4
S-4
LV5
V5
RV5
ADR
V1
V2
V3
DIGITAL
IC501
AV SELECTER
CXA2069Q
MONITOR
MAIN
SCL
SDA
AGND
DC_OUT
COUT3
LOUT3
YOUT3
ROUT3
VOUT3
VCC
LOUT2
ROUT2
CN0J2
REAR JACK
PWB ASS'Y
CNJ0J2
(SHEET3)
TV_LOUT
TV_ROUT
CPY1/GR1
CPB1/BU1
CPR1/RE1
(NC)
R1
L1
S21/SLW1
V1
Y1
C1_RE1
S1
M_MUTE
MON_R
MON_L
MON_V
MON_Y
MON_C
S1DC
A_MUTE
ROUT
LOUT
SUBWOUT
D13_YS1
SCL3B5
SDA3B5
R546 OPEN
R547 OPEN
R543 OPEN
R544 OPEN
Q501 OPEN
R548 OPEN
R542 OPEN
R545 OPEN
Q502 OPEN
C508 OPEN
R549 OPEN
R550 OPEN
D503 OPEN
Q504 OPEN
R530 220
R531 220
R532
R533
C501 47
R552 OPEN
R553 OPEN
R555 OPEN
R556 OPEN
Q503 OPEN
R551 OPEN
R554 OPEN
R557 OPEN
R558 OPEN
Q504 OPEN
C509 OPEN
R559 OPEN
L_SWMAIN
MAIN_V(Y)
R_SWMAIN
R581
R579
Q509
R580
Q512 OPEN
Q513 OPEN
R589 OPEN
R590 OPEN
R588 OPEN
Q511 OPEN
RB501 OPEN
EU_SDA0
TVLINK
SHEET4
SHEET4,6
SHEET5
SHEET5
SHEET4,6
SHEET6
SHEET5,6
SHEET4,6
GND



RECEIVER PWB ASS'Y(1/2)
CN100T (SHEET1)
A_MUTE — SHEET4,5
SUBWOUT — SHEET4
LOUT
ROUT — SHEET4,6
COMP_R
COMP_L — SHEET6
AFT1 — SHEET5
LIP_L
LIP_R — SHEET6,7
S_W_VOL — SHEET5
TU_ATT
CENTIN — SHEET6,4
DIGIPHOT
AGC
MSP_RST — SHEET5
SDA3A5
SCL3A5
AFT2
MAIN_R — SHEET6,7
MAIN_L
S_W_MUTE — SHEET5
DIMMER
HP_L
HP_R — SHEET6
HP_MUTE
REC_LED — SHEET5
CN00T
CN00F
RECEIVER
PWB ASS'Y(1/2)
CN100F
(SHEET1)
FRONT
TVMAIN
TVSUB
SUB
MAIN
SHEET6
SHEET5
SHEET5,6,8
IC502
IC503
IC504
Q507
Q508
Q509
BS_A9V
BS_A5V
STB_5V
STB3.3V
GND

- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

ANALOG SIGNAL PWB ASS'Y (1/5)

SRP-1022A-M2 [HD-61Z786,HD-61Z886]

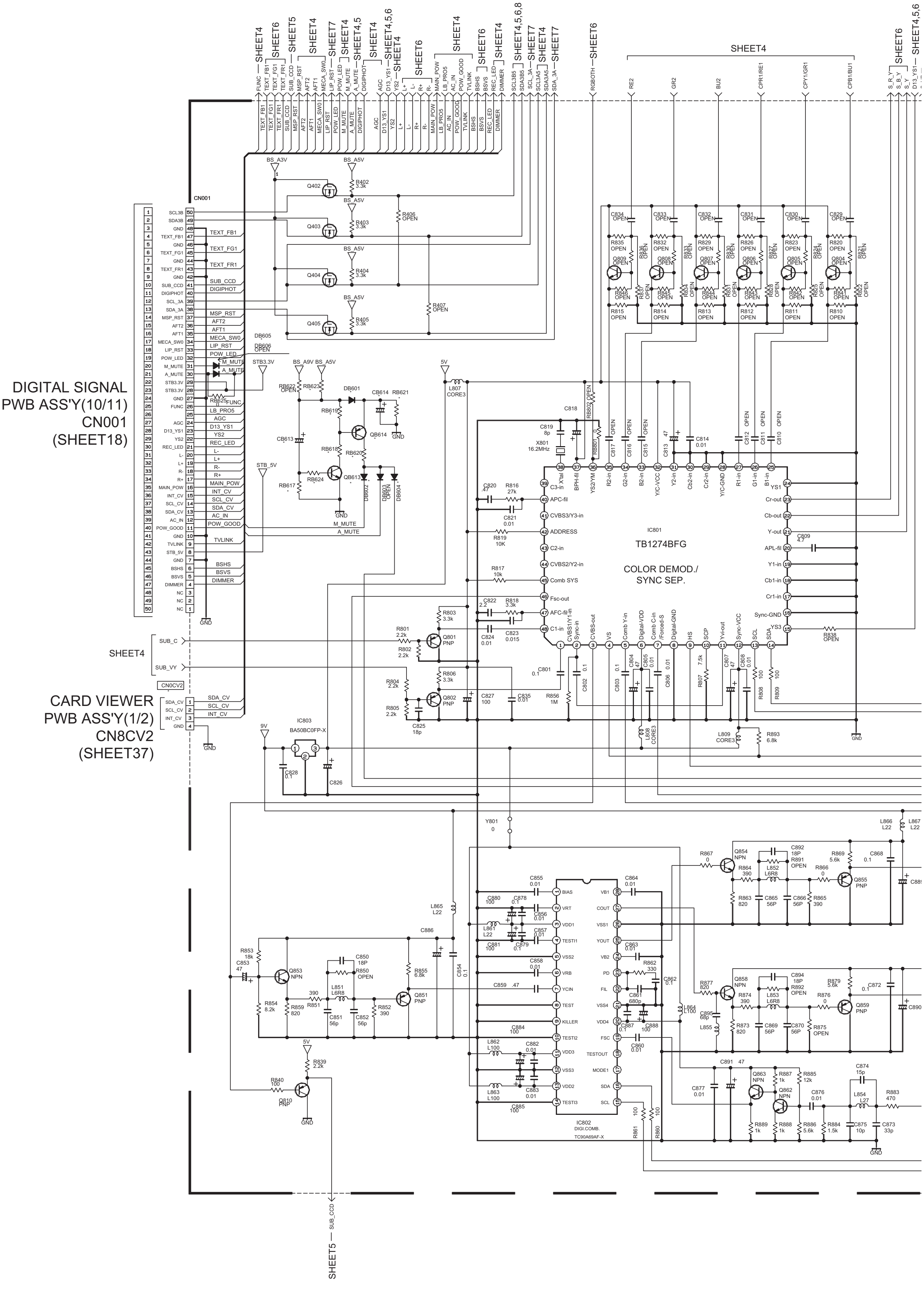
SRP-1021A-M2 [HD-70G886]

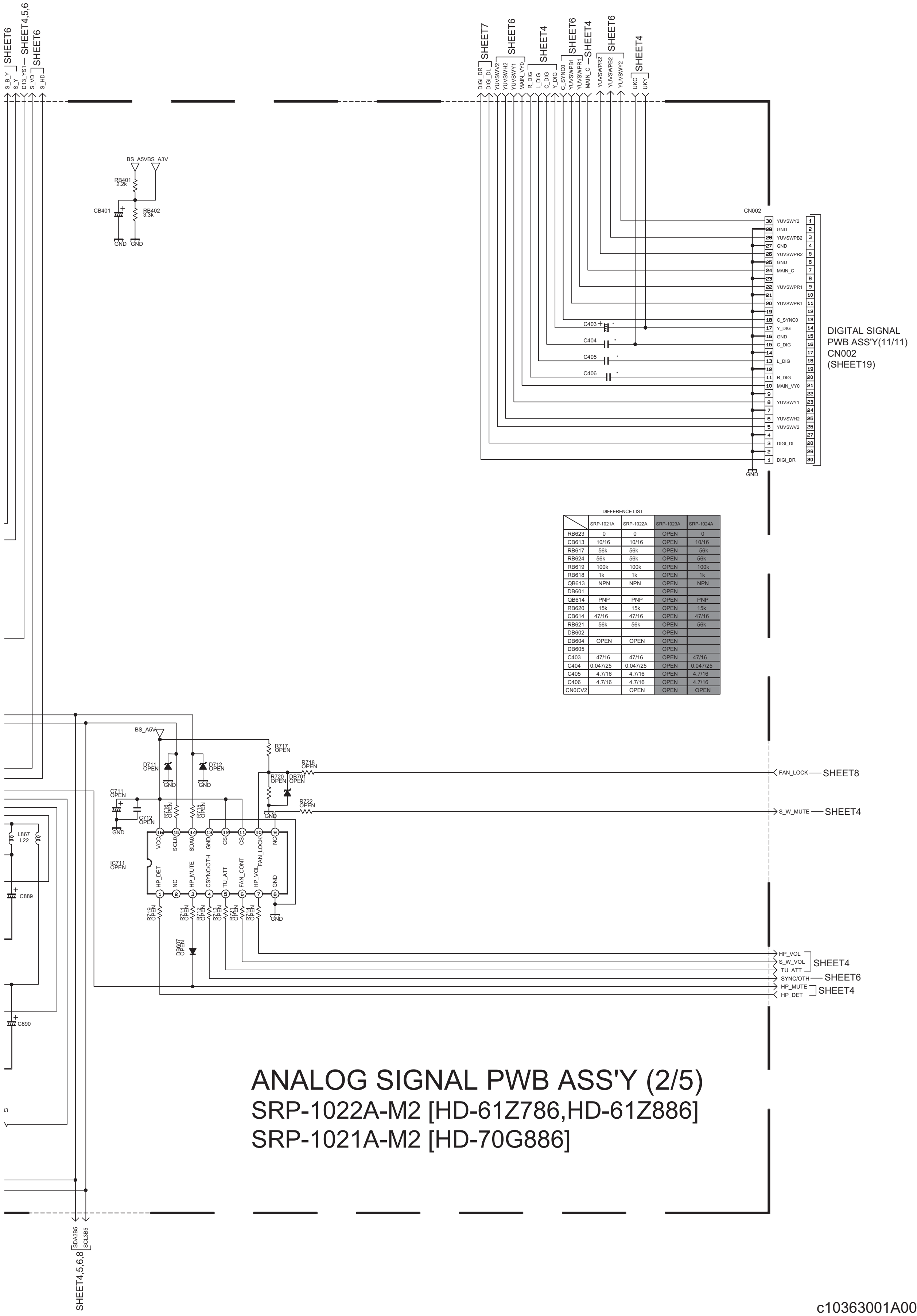
DIFFERENCE LIST

	SRP-1021A	SRP-1022A	SRP-1023A	SRP-1024A
R532	0	0	OPEN	0
R533	0	0	OPEN	0
R579	2.2k	2.2k	OPEN	2.2k
R580	2.2k	2.2k	OPEN	2.2k
R581	5.6k	5.6k	OPEN	5.6k
Q509	PNP	PNP	OPEN	PNP
C525	10/16	10/16	OPEN	10/16
C524	1/16	1/16	OPEN	1/16
IC504		MM1510XN-X	OPEN	
C526	100/10	100/10	OPEN	100/10
C527	10/16	10/16	OPEN	10/16
R576	2.2k	2.2k	OPEN	2.2k
R577	2.2k	2.2k	OPEN	2.2k
R578	5.6k	5.6k	OPEN	5.6k
Q508	PNP	PNP	OPEN	PNP
C521	10/16	10/16	OPEN	10/16
C520	1/16	1/16	OPEN	1/16
IC503		MM1510XN-X	OPEN	
C522	100/10	100/10	OPEN	100/10
C523	10/16	10/16	OPEN	10/16
R573	2.2k	2.2k	OPEN	2.2k
R574	2.2k	2.2k	OPEN	2.2k
R575	5.6k	5.6k	OPEN	5.6k
Q507	PNP	PNP	OPEN	PNP
C516	10/16	10/16	OPEN	10/16
C515	1/16	1/16	OPEN	1/16
IC502		MM1510XN-X	OPEN	
C517	100/10	100/10	OPEN	100/10
C519			OPEN	
R527	6.8k	6.8k	6.8k	OPEN
R528	220	220	220	OPEN
R529	6.8k	6.8k	6.8k	OPEN
CB506	0.1/16	0.1/16	0.1/16	OPEN
CB507	0.1/16	0.1/16	0.1/16	OPEN
CB508	0.1/16	0.1/16	0.1/16	OPEN
R535	OPEN	OPEN	OPEN	1k
R536	OPEN	OPEN	OPEN	0
R537	OPEN	OPEN	OPEN	1k
C504	OPEN	OPEN	OPEN	
R509	0	0	OPEN	0
R510	0	0	OPEN	0
R511	0	0	OPEN	0
R512	0	0	OPEN	0
CB502	OPEN	OPEN	0.1/16	OPEN
CB503	OPEN	OPEN	0.1/16	OPEN
CB504	OPEN	OPEN	0.1/16	OPEN
CB505	OPEN	OPEN	0.1/16	OPEN
RB502	0	0	0	OPEN
RB503	0	0	0	OPEN

c10363001A002_0216_2/5_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET5


SHEET4
SHEET6
SHEET5
SHEET7
SHEET4,5
SHEET4,5,6
SHEET4,5,6,8
RGBOTH
SHEET4
RE2
GR2
BU2
CPR1/RE1
CPY1/GR1
CPB1/BU1
S_R_Y
S_B_Y
S_Y
D13_YS1
CN001
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN001
(SHEET18)
SCL3B
SDA3B
GND
TEXT_FB1
TEXT_FG1
TEXT_FR1
SUB_CCD
DIGIPHOT
SCL_3A
SDA_3A
MSP_RST
AFT2
AFT1
MECA_SW0
LIP_RST
POW_LED
M_MUTE
A_MUTE
STB3.3V
FUNC
LB_PRO5
AGC
D13_YS1
YS2
REC_LED
L-
L+
R-
R+
MAIN_POW
INT_CV
SCL_CV
SDA_CV
AC_IN
POW_GOOD
TVLINK
STB_5V
BSHS
BSVS
DIMMER
NC
BS_A3V
BS_A5V
Q402
Q403
Q404
Q405
R402 3.3k
R403 3.3k
R404 3.3k
R405 3.3k
R406 OPEN
R407 OPEN
DB605
DB606 OPEN
BS_A9V
RB622 OPEN
RB623
DB601
CB614
RB621
RB619
QB614
CB613
RB618
RB620
QB613
RB624
RB617
RB625
DB602
DB603 OPEN
DB604
5V
L807 CORE3
SHEET4
SUB_C
SUB_VY
CN0CV2
CARD VIEWER
PWB ASS'Y(1/2)
CN8CV2
(SHEET37)
IC801
TB1274BFG
COLOR DEMOD./
SYNC SEP.
X801 16.2MHz
C818
C819 8p
RB862 OPEN
RB801 0
C820 .47
R816 27k
C821 0.01
R819 10K
R817 10k
C822 2.2
R818 3.3k
C824 0.01
C823 0.015
R803 3.3k
Q801 PNP
R801 2.2k
R802 2.2k
R806 3.3k
Q802 PNP
R804 2.2k
R805 2.2k
C825 18p
C827 100
C835 0.01
R856 1M
C801 0.1
C802 0.1
C803 0.1
C804 47
C805 0.01
C806 0.01
R807 7.5k
C807 47
C808 0.01
R808 100
R809 100
L808 CORE3
L809 CORE3
R893 6.8k
R838 OPEN
C809 4.7
C814 0.01
APC-fil
CVBS3/Y3-in
ADDRESS
C2-in
CVBS2/Y2-in
Comb SYS
Fsc-out
AFC-fil
C1-in
YS1
Cr-out
Cb-out
Y-out
APL-fil
Y1-in
Cb1-in
Cr1-in
Sync-GND
YS3
9V
IC803
BA50BC0FP-X
C828 0.1
C826
Y801 0
IC802
DIGI.COMB.
TC90A69AF-X
BIAS
VRT
VDD1
TESTI1
VSS2
VRB
YCIN
TEST
KILLER
TESTI2
VDD3
VSS3
VDD2
TESTI3
VB1
COUT
VSS1
YOUT
VB2
PD
FIL
VSS4
VDD4
FSC
TESTOUT
MODE1
SDA
SCL
L865 L22
C886
R853 18k
C853 47
Q853 NPN
R854 8.2k
R859 820
R851 390
L851 L6R8
C850 18P
R850 OPEN
C851 56p
C852 56p
R852 390
R855 6.8k
Q851 PNP
C854 0.1
R839 2.2k
R840 100
Q810 PNP
GND
Q854 NPN
Q855 PNP
Q858 NPN
Q859 PNP
Q862 NPN
Q863 NPN
L866 L22
L867 L22
R861 100
R860 100
SHEET5
SUB_CCD


S_B_Y
S_Y
D13_YS1
S_VD
S_HD
SHEET6
SHEET4,5,6
SHEET6
DIGI_DR
DIGI_DL
SHEET7
YUVSWV2
YUVSWH2
YUVSWY1
MAIN_VY0
SHEET6
R_DIG
L_DIG
C_DIG
Y_DIG
SHEET4
C_SYNC0
YUVSWPB1
YUVSWPR1
SHEET6
MAIN_C
SHEET4
YUVSWPR2
YUVSWPB2
YUVSWY2
SHEET6
UKC
UKY
SHEET4
BS_A5V
BS_A3V
RB401
2.2k
CB401
RB402
3.3k
GND
CN002
30 YUVSWY2 1
29 GND 2
28 YUVSWPB2 3
27 GND 4
26 YUVSWPR2 5
25 GND 6
24 MAIN_C 7
23 8
22 YUVSWPR1 9
21 10
20 YUVSWPB1 11
19 12
18 C_SYNC0 13
17 Y_DIG 14
16 GND 15
15 C_DIG 16
14 17
13 L_DIG 18
12 19
11 R_DIG 20
10 MAIN_VY0 21
9 22
8 YUVSWY1 23
7 24
6 YUVSWH2 25
5 YUVSWV2 26
4 27
3 DIGI_DL 28
2 29
1 DIGI_DR 30
C403
C404
C405
C406
DIGITAL SIGNAL
PWB ASS'Y(11/11)
CN002
(SHEET19)
BS_A5V
R717
OPEN
R718
OPEN
R720
OPEN
DB701
OPEN
R722
OPEN
D711
OPEN
D712
OPEN
C711
OPEN
C712
OPEN
R716
OPEN
R715
OPEN
IC711
OPEN
VCC
SCL0
SDA0
GND
CS
CS
FAN_LOCK
NC
HP_DET
NC
HP_MUTE
CSYNC/OTH
TU_ATT
FAN_CONT
HP_VOL
GND
R719
OPEN
R711
OPEN
R712
OPEN
R713
OPEN
R721
OPEN
R714
OPEN
DB607
OPEN
L867
L22
C889
C890
FAN_LOCK
SHEET8
S_W_MUTE
SHEET4
HP_VOL
S_W_VOL
TU_ATT
SHEET4
SYNC/OTH
SHEET6
HP_MUTE
HP_DET
SHEET4
SDA3B5
SCL3B5
SHEET4,5,6,8

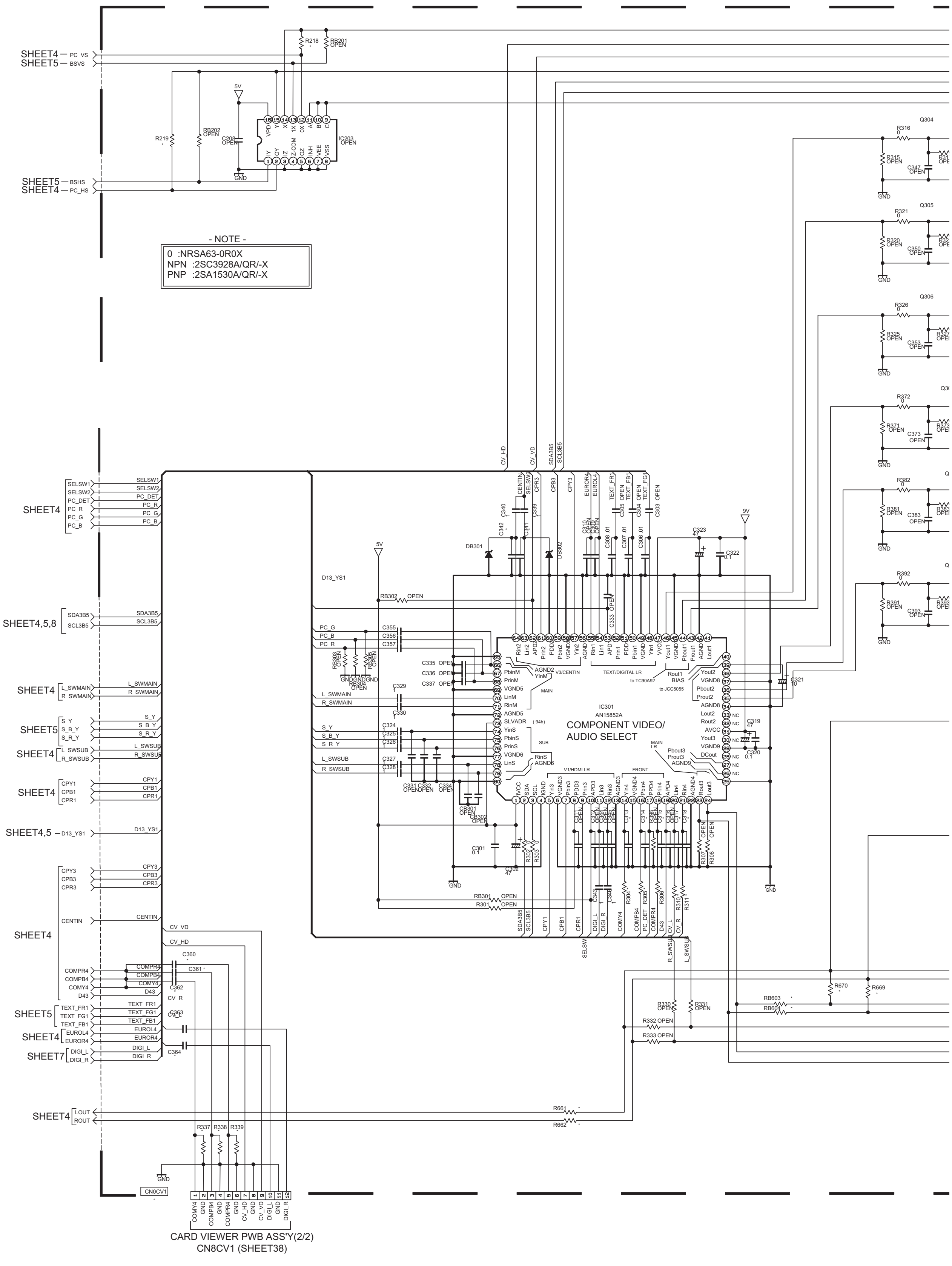
DIFFERENCE LIST

	SRP-1021A	SRP-1022A	SRP-1023A	SRP-1024A
RB623	0	0	OPEN	0
CB613	10/16	10/16	OPEN	10/16
RB617	56k	56k	OPEN	56k
RB624	56k	56k	OPEN	56k
RB619	100k	100k	OPEN	100k
RB618	1k	1k	OPEN	1k
QB613	NPN	NPN	OPEN	NPN
DB601			OPEN	
QB614	PNP	PNP	OPEN	PNP
RB620	15k	15k	OPEN	15k
CB614	47/16	47/16	OPEN	47/16
RB621	56k	56k	OPEN	56k
DB602			OPEN	
DB604	OPEN	OPEN	OPEN	
DB605			OPEN	
C403	47/16	47/16	OPEN	47/16
C404	0.047/25	0.047/25	OPEN	0.047/25
C405	4.7/16	4.7/16	OPEN	4.7/16
C406	4.7/16	4.7/16	OPEN	4.7/16
CN0CV2		OPEN	OPEN	OPEN

ANALOG SIGNAL PWB ASS'Y (2/5)

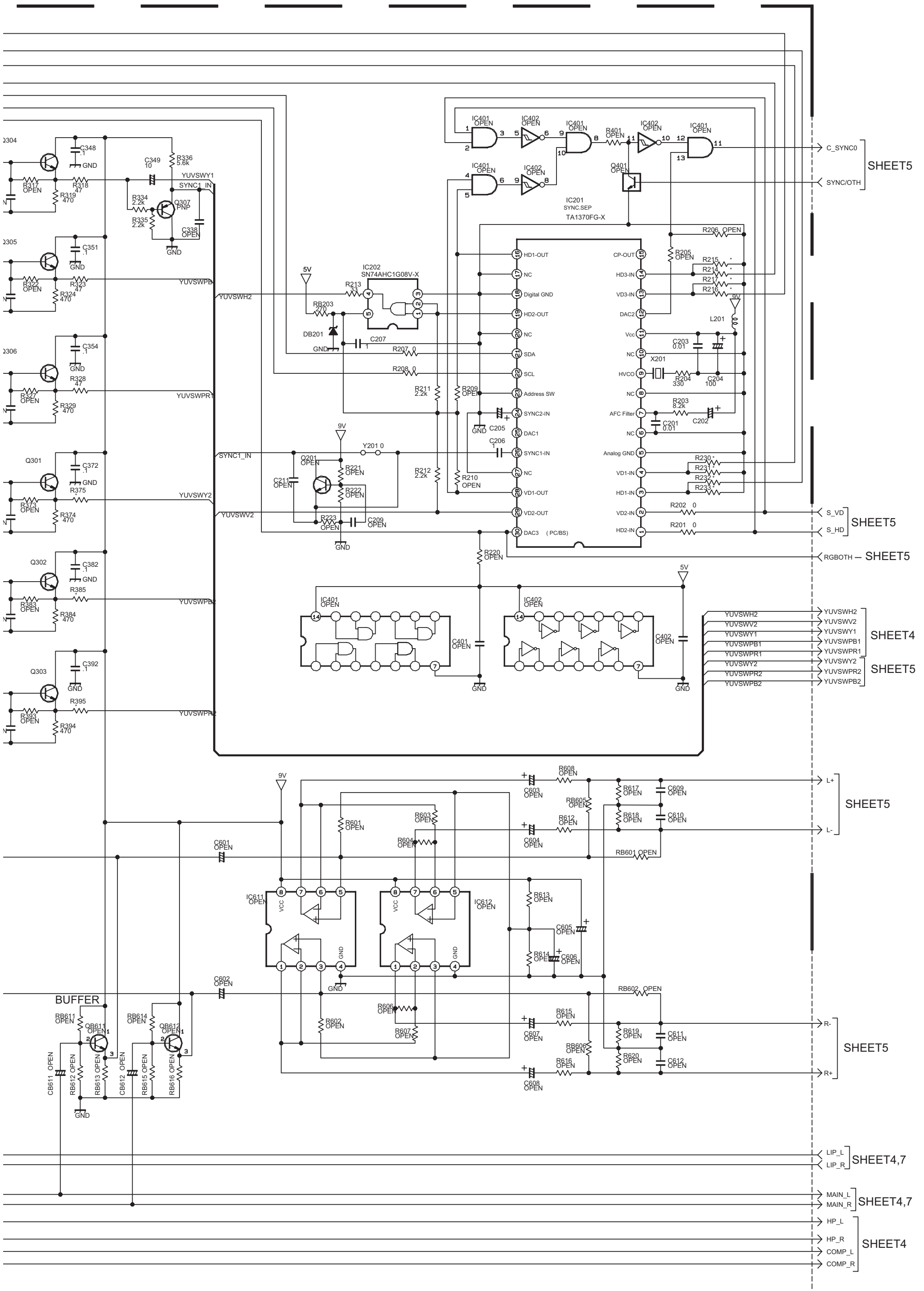
SRP-1022A-M2 [HD-61Z786,HD-61Z886]
SRP-1021A-M2 [HD-70G886]

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET6


SHEET4 — PC_VS
SHEET5 — BSVS
SHEET5 — BSHS
SHEET4 — PC_HS
R218
RB201 OPEN
R219
RB202 OPEN
C208 OPEN
5V
GND
IC203 OPEN
VPD Y X 1X 0X A B C
1Y 0Y 1Z Z-COM 0Z INH VEE VSS
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
Q304
R316 0
R315 OPEN
C347 OPEN
Q305
R321 0
R320 OPEN
C350 OPEN
Q306
R326 0
R325 OPEN
C353 OPEN
R372 0
R371 OPEN
C373 OPEN
R382 0
R381 OPEN
C383 OPEN
R392 0
R391 OPEN
C393 OPEN
SHEET4
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
CV_HD
CV_VD
SDA3B5
SCL3B5
CENTIN
CPR3
CPB3
CPY3
EUROR4
EUROL4
TEXT_FR1
TEXT_FB1
TEXT_FG1
DB301
DB302
C340
C339
C342
C341
C305 OPEN
C304 OPEN
C303 OPEN
C306 .01
C307 .01
C308 .01
C323 47
C322 0.1
9V
5V
D13_YS1
RB302 OPEN
SHEET4,5,8
SDA3B5
SCL3B5
PC_G
PC_B
PC_R
C355
C356
C357
C335 OPEN
C336 OPEN
C337 OPEN
C333 OPEN
C329
C330
SHEET4
L_SWMAIN
R_SWMAIN
SHEET5
S_Y
S_B_Y
S_R_Y
SHEET4
L_SWSUB
R_SWSUB
C324
C325
C326
C327
C328
C331 OPEN
C332 OPEN
C334 OPEN
SHEET4
CPY1
CPB1
CPR1
SHEET4,5 — D13_YS1
IC301
AN15852A
COMPONENT VIDEO/
AUDIO SELECT
PbinM
PrinM
VGND5
LinM
RinM
AGND5
SLVADR
YinS
PbinS
PrinS
VGND6
LinS
AGND2
YinM
V3/CENTIN
MAIN
SUB
RinS
AGND6
TEXT/DIGITAL LR
to TC90A92
to JCC5055
Rout1
BIAS
Yout2
VGND8
Pbout2
Prout2
AGND8
Lout2
Rout2
AVCC
Yout3
VGND9
DCout
Pbout3
Prout3
AGND9
NC
C321 10
C319 47
C320 0.1
V1/HDMI LR
FRONT
VVCC SDA SCL GND Yin3 VGND3 Pbin3 PPD3 Prin3 APD3 Lin3 Rin3 AGND3 Yin4 VGND4 PPD4 Pbin4 Prin4 APD4 Lin4 Rin4 AGND4 Rout3 Lout3
Rin2 Lin2 APD2 Prin2 PPD2 Pbin2 VGND2 Yin2 AGND Rin1 Lin1 APD1 Prin1 PPD1 Pbin1 VGND1 Yin1 VCC Yout1 VGND7 Pbout1 Prout1 AGND Lout1
CB301 OPEN
C301 0.1
C302 47
R302
R303
R307 OPEN
R308 OPEN
GND
RB301 OPEN
R301 OPEN
SDA3B5
SCL3B5
CPY1
CPB1
CPR1
DIGI_L
DIGI_R
COMY4
COMPB4
PC_DET
COMPR4
D43
CV_L
CV_R
SELSW
R_SWSUB
L_SWSUB
R304
R305
R306
R310
R311
C343
C344
SHEET4
CPY3
CPB3
CPR3
CENTIN
CV_VD
CV_HD
C360
C361
C362
C363
C364
CV_R
CV_L
COMPR4
COMPB4
COMY4
D43
SHEET5
TEXT_FR1
TEXT_FG1
TEXT_FB1
SHEET4
EUROL4
EUROR4
SHEET7
DIGI_L
DIGI_R
R330 OPEN
R331 OPEN
R332 OPEN
R333 OPEN
RB603
RB604
R670
R669
SHEET4
LOUT
ROUT
R661
R662
R337 R338 R339
GND
CN0CV1
COMY4 GND COMPB4 GND COMPR4 GND CV_HD GND CV_VD DIGI_L GND DIGI_R
CARD VIEWER PWB ASS'Y(2/2)
CN8CV1 (SHEET38)

DIFFERENCE LIST

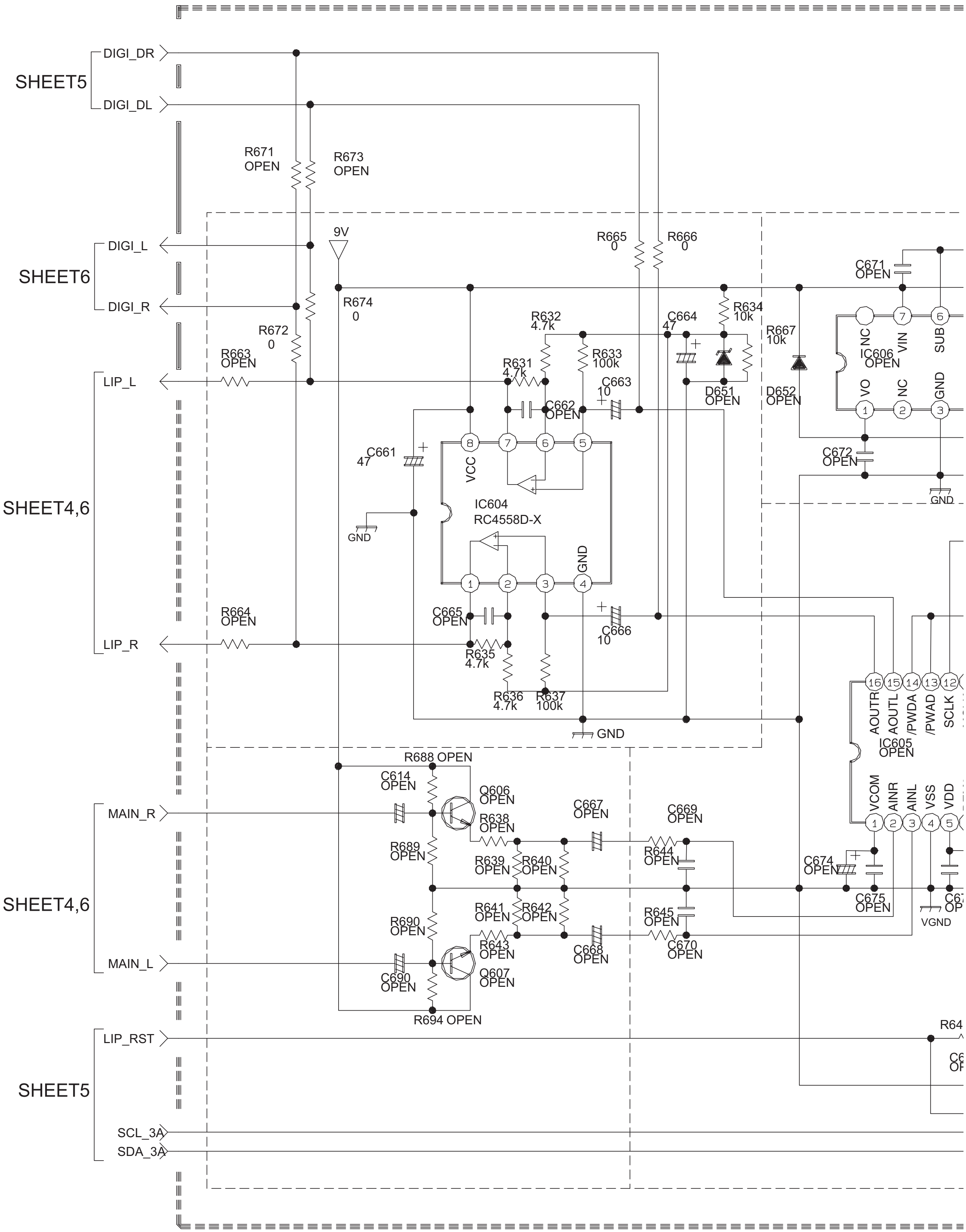
	SRP-1021A	SRP-1022A	SRP-1023A	SRP-1024A
R214	100	100	100	OPEN
R215	OPEN	OPEN	OPEN	0
R216	100	100	100	OPEN
R217	OPEN	OPEN	OPEN	0
R218	0	0	0	OPEN
R219	0	0	0	OPEN
R230	100	OPEN	OPEN	OPEN
R231	OPEN	0	0	0
R232	100	OPEN	OPEN	OPEN
R233	OPEN	0	0	0
R304	0	OPEN	OPEN	OPEN
R305	0	OPEN	OPEN	OPEN
R306	0	OPEN	OPEN	OPEN
R310	100	OPEN	OPEN	OPEN
R311	100	OPEN	OPEN	OPEN
R661	OPEN	OPEN	OPEN	0
R662	OPEN	OPEN	OPEN	0
R669	OPEN	OPEN	OPEN	0
R670	OPEN	OPEN	OPEN	0
RB603	OPEN	OPEN	OPEN	0
RB604	OPEN	OPEN	OPEN	0
C313	OPEN	.01	.01	0.01
C314	OPEN	.01	.01	0.01
C315	OPEN	.01	.01	0.01
C317	OPEN	.01	.01	0.01
C318	OPEN	.01	.01	0.01
C360	2.2/10	OPEN	OPEN	OPEN
C361	2.2/10	OPEN	OPEN	OPEN
C362	2.2/10	OPEN	OPEN	OPEN
C363	1/16	OPEN	OPEN	OPEN
C364	1/16	OPEN	OPEN	OPEN
CN0CV1		OPEN	OPEN	OPEN
R337	75	75	75	OPEN
R338	75	75	75	OPEN
R339	75	75	75	OPEN
R375	75	75	75	100
R385	75	75	75	100
R395	75	75	75	100
C341	4700p/50	4700p/50	4700p/50	OPEN
C342	4700p/50	4700p/50	4700p/50	OPEN


IC401 OPEN
IC402 OPEN
R401 OPEN
Q401 OPEN
C_SYNC0
SYNC/OTH
SHEET5
IC201
SYNC.SEP
TA1370FG-X
IC202
SN74AHC1G08V-X
RB203 270
DB201
C207
R213
5V
9V
R207 0
R208 0
R209 OPEN
R210 OPEN
R211 2.2k
R212 2.2k
C205
C206
Y201 0
Q201 OPEN
R221 OPEN
R222 OPEN
R223 OPEN
C209 OPEN
C211 OPEN
R220 OPEN
HD1-OUT
NC
Digital GND
HD2-OUT
SDA
SCL
Address SW
SYNC2-IN
DAC1
SYNC1-IN
VD1-OUT
VD2-OUT
DAC3
(PC/BS)
CP-OUT
HD3-IN
VD3-IN
DAC2
Vcc
HVCO
AFC Filter
Analog GND
VD1-IN
HD1-IN
VD2-IN
HD2-IN
R205 OPEN
R206 OPEN
R214
R215
R216
R217
R218
R219
L201
C203 0.01
X201
R204 330
C204 100
R203 8.2k
C201 0.01
C202
R230
R231
R232
R233
R202 0
R201 0
S_VD
S_HD
RGBOTH
C401 OPEN
C402 OPEN
GND
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPR2
YUVSWPB2
SHEET4
SYNC1_IN
Q304
Q305
Q306
Q301
Q302
Q303
Q307 PNP
C348 .1
C349 10
R336 5.6k
R334 2.2k
R335 2.2k
C338 OPEN
R317 OPEN
R318 47
R319 470
C351 .1
R322 OPEN
R323 47
R324 470
C354 .1
R327 OPEN
R328 47
R329 470
C372 .1
R373 OPEN
R375
R374 470
C382 .1
R383 OPEN
R385
R384 470
C392 .1
R393 OPEN
R395
R394 470
IC611 OPEN
IC612 OPEN
VCC
C601 OPEN
C602 OPEN
C603 OPEN
C604 OPEN
C605 OPEN
C606 OPEN
C607 OPEN
C608 OPEN
C609 OPEN
C610 OPEN
C611 OPEN
C612 OPEN
R601 OPEN
R602 OPEN
R603 OPEN
R604 OPEN
R606 OPEN
R607 OPEN
R608 OPEN
R612 OPEN
R613 OPEN
R614 OPEN
R615 OPEN
R616 OPEN
R617 OPEN
R618 OPEN
R619 OPEN
R620 OPEN
RB601 OPEN
RB602 OPEN
RB605 OPEN
RB606 OPEN
L+
L-
R-
R+
BUFFER
RB611 OPEN
QB611 OPEN
RB612 OPEN
RB613 OPEN
CB611 OPEN
RB614 OPEN
QB612 OPEN
RB615 OPEN
RB616 OPEN
CB612 OPEN
LIP_L
LIP_R
SHEET4,7
MAIN_L
MAIN_R
HP_L
HP_R
COMP_L
COMP_R

ANALOG SIGNAL PWB ASS'Y (3/5)

SRP-1022A-M2 [HD-61Z786,HD-61Z886]
SRP-1021A-M2 [HD-70G886]

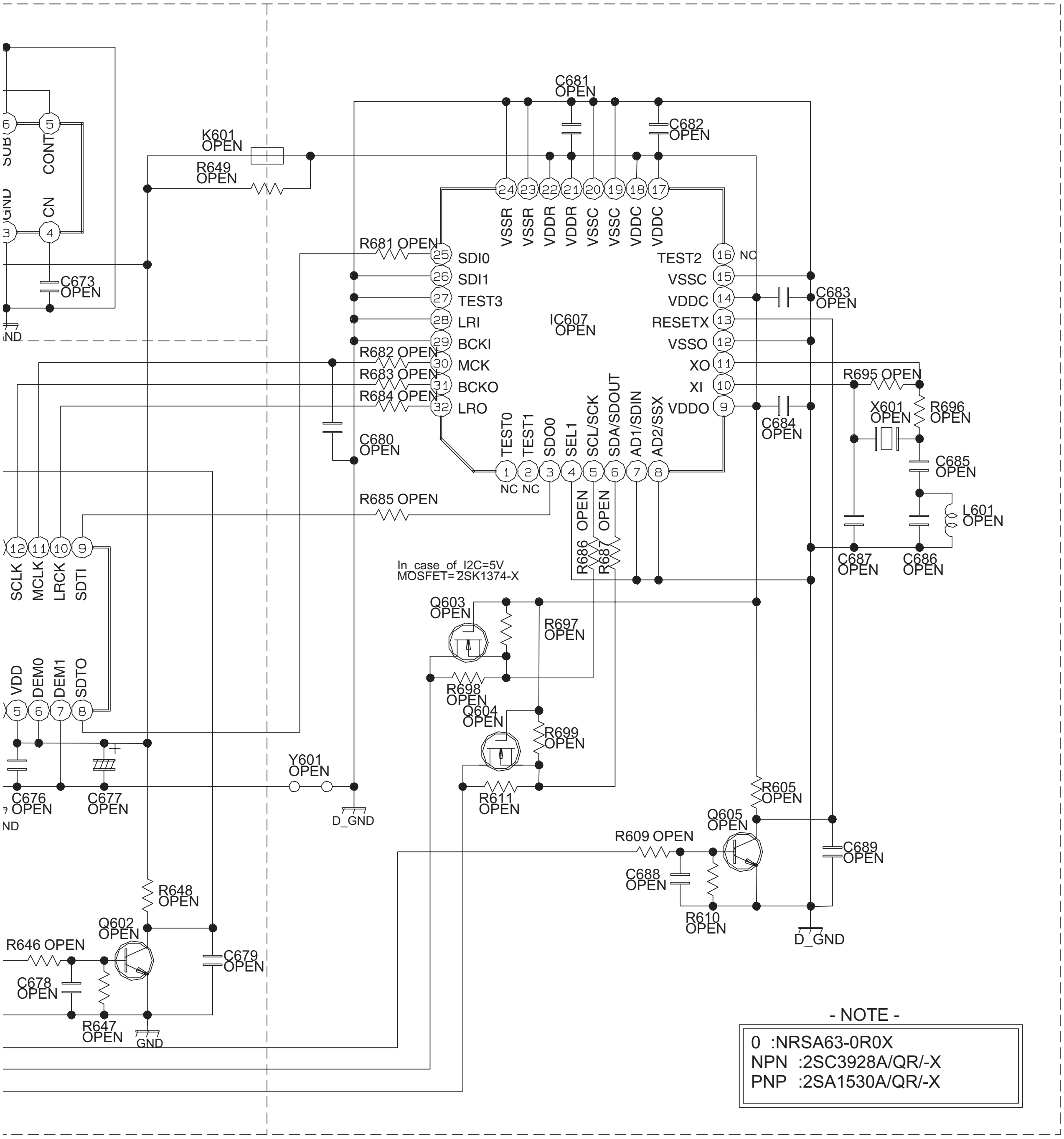
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET7



SHEET5
DIGI_DR
DIGI_DL
SHEET6
DIGI_L
DIGI_R
SHEET4,6
LIP_L
LIP_R
SHEET4,6
MAIN_R
MAIN_L
SHEET5
LIP_RST
SCL_3A
SDA_3A
R671 OPEN
R673 OPEN
R672 0
R674 0
R663 OPEN
R664 OPEN
9V
R665 0
R666 0
R632 4.7k
R631 4.7k
R633 100k
C664 47
R634 10k
C663 10
C662 OPEN
C661 47
VCC
IC604
RC4558D-X
GND
C665 OPEN
C666 10
R635 4.7k
R636 4.7k
R637 100k
GND
D651 OPEN
R667 10k
D652 OPEN
C671 OPEN
NC
VIN
SUB
IC606 OPEN
VO
NC
GND
C672 OPEN
GND
AOUTR
AOUTL
/PWDA
/PWAD
SCLK
IC605 OPEN
VCOM
AINR
AINL
VSS
VDD
C674 OPEN
C675 OPEN
VGND
R688 OPEN
C614 OPEN
Q606 OPEN
R638 OPEN
C667 OPEN
C669 OPEN
R689 OPEN
R639 OPEN
R640 OPEN
R644 OPEN
R641 OPEN
R642 OPEN
R645 OPEN
R690 OPEN
R643 OPEN
C668 OPEN
C670 OPEN
C690 OPEN
Q607 OPEN
R694 OPEN
R64
C6
OP

ANALOG SIGNAL PWB ASS'Y (4/5)

SRP-1022A-M2 [HD-61Z786,HD-61Z886]
SRP-1021A-M2 [HD-70G886]



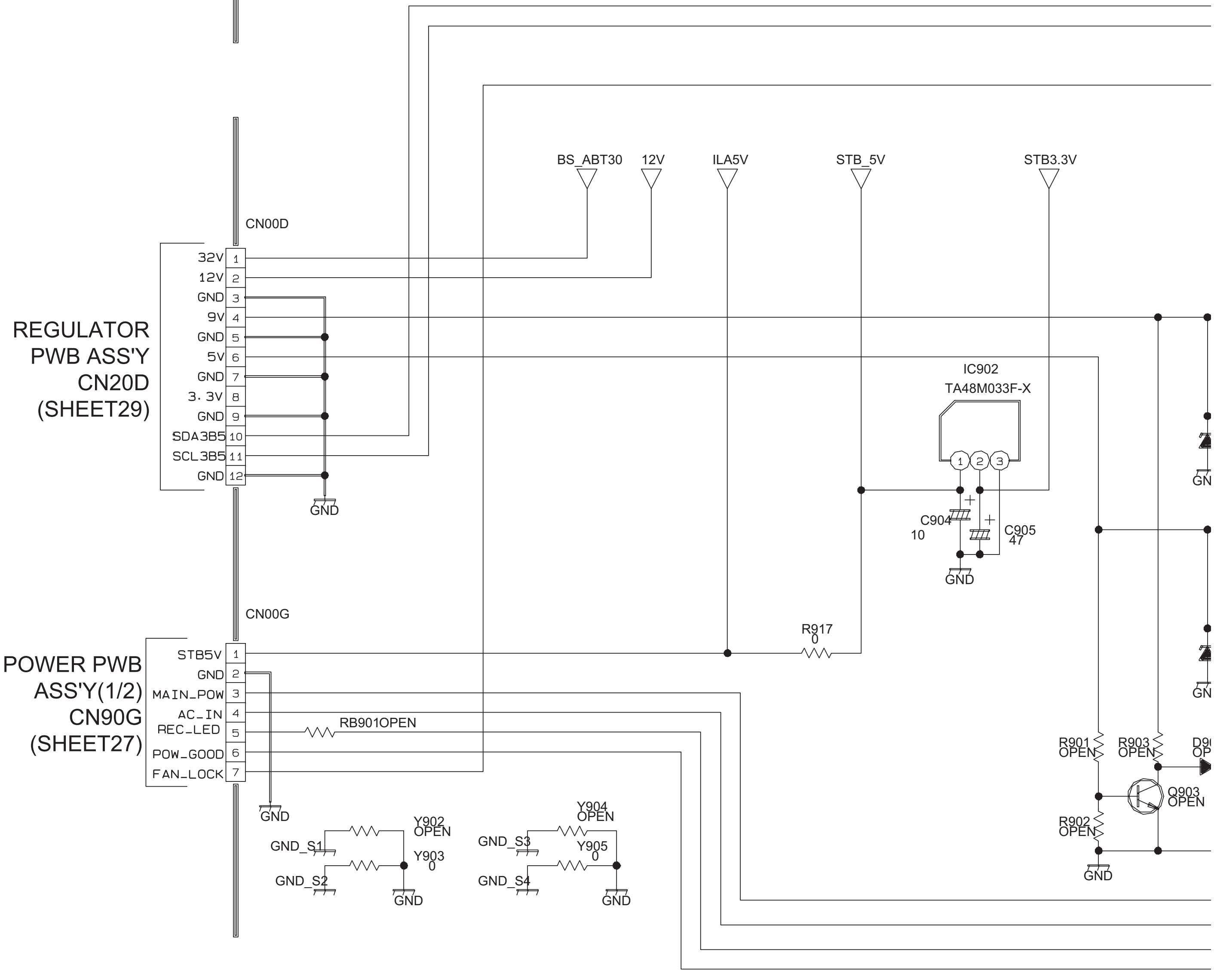
K601 OPEN
R649 OPEN
C673 OPEN
C681 OPEN
C682 OPEN
IC607 OPEN
VSSR VSSR VDDR VDDR VSSC VSSC VDDC VDDC
24 23 22 21 20 19 18 17
R681 OPEN 25 SDI0
26 SDI1
27 TEST3
28 LRI
R682 OPEN 29 BCKI
R683 OPEN 30 MCK
R684 OPEN 31 BCKO
32 LRO
TEST2 16 NC
VSSC 15
VDDC 14
RESETX 13
VSSO 12
XO 11
XI 10
VDDO 9
TEST0 TEST1 SDO0 SEL1 SCL/SCK SDA/SDOUT AD1/SDIN AD2/SSX
1 2 3 4 5 6 7 8
NC NC
C683 OPEN
C684 OPEN
C680 OPEN
R695 OPEN
R696 OPEN
X601 OPEN
C685 OPEN
L601 OPEN
C687 OPEN
C686 OPEN
R685 OPEN
R686 OPEN
R687 OPEN
In_case_of_I2C=5V
MOSFET=2SK1374-X
Q603 OPEN
R697 OPEN
R698 OPEN
Q604 OPEN
R699 OPEN
R611 OPEN
R605 OPEN
Q605 OPEN
R609 OPEN
C688 OPEN
R610 OPEN
C689 OPEN
D_GND
Y601 OPEN
D_GND
SUB CONT GND CN
6 5 3 4
SCLK MCLK LRCK SDTI
12 11 10 9
VDD DEM0 DEM1 SDTO
5 6 7 8
C676 OPEN
C677 OPEN
GND
R648 OPEN
Q602 OPEN
R646 OPEN
C678 OPEN
R647 OPEN
C679 OPEN
GND

- NOTE -

0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

c10363001A003_0216_3/5_0.0

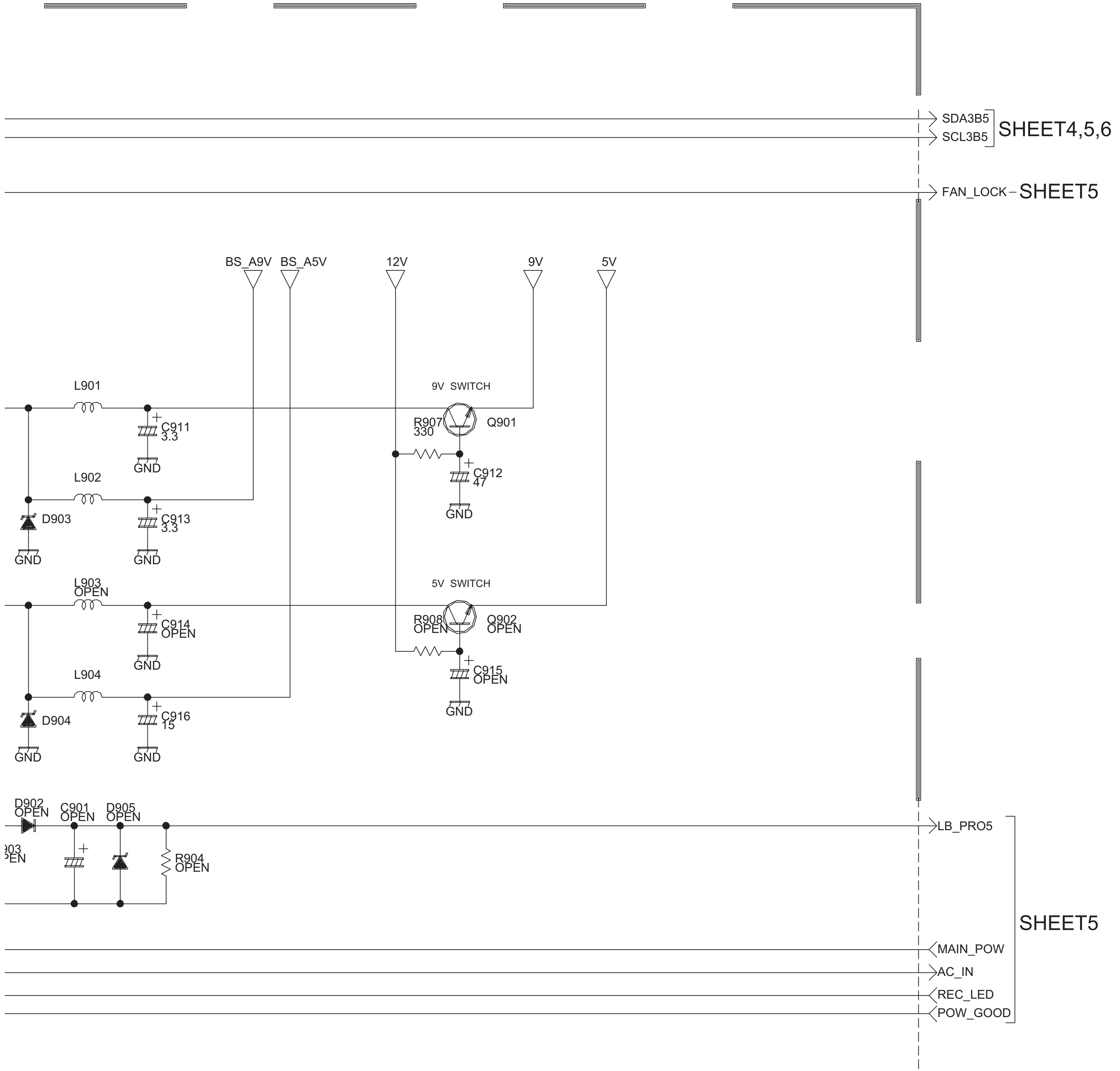
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (5/5) SHEET8


BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
CN00D
REGULATOR PWB ASS'Y CN20D (SHEET29)
32V 1
12V 2
GND 3
9V 4
GND 5
5V 6
GND 7
3.3V 8
GND 9
SDA3B5 10
SCL3B5 11
GND 12
GND
IC902
TA48M033F-X
1 2 3
C904
10
C905
47
GND
CN00G
POWER PWB ASS'Y(1/2) CN90G (SHEET27)
STB5V 1
GND 2
MAIN_POW 3
AC_IN 4
REC_LED 5
POW_GOOD 6
FAN_LOCK 7
R917
0
RB901OPEN
GND
R901
OPEN
R903
OPEN
Q903
OPEN
R902
OPEN
GND
GND_S1
GND_S2
Y902
OPEN
Y903
0
GND
GND_S3
GND_S4
Y904
OPEN
Y905
0
GND

- NOTE -

0 :NRSA63-0R0X

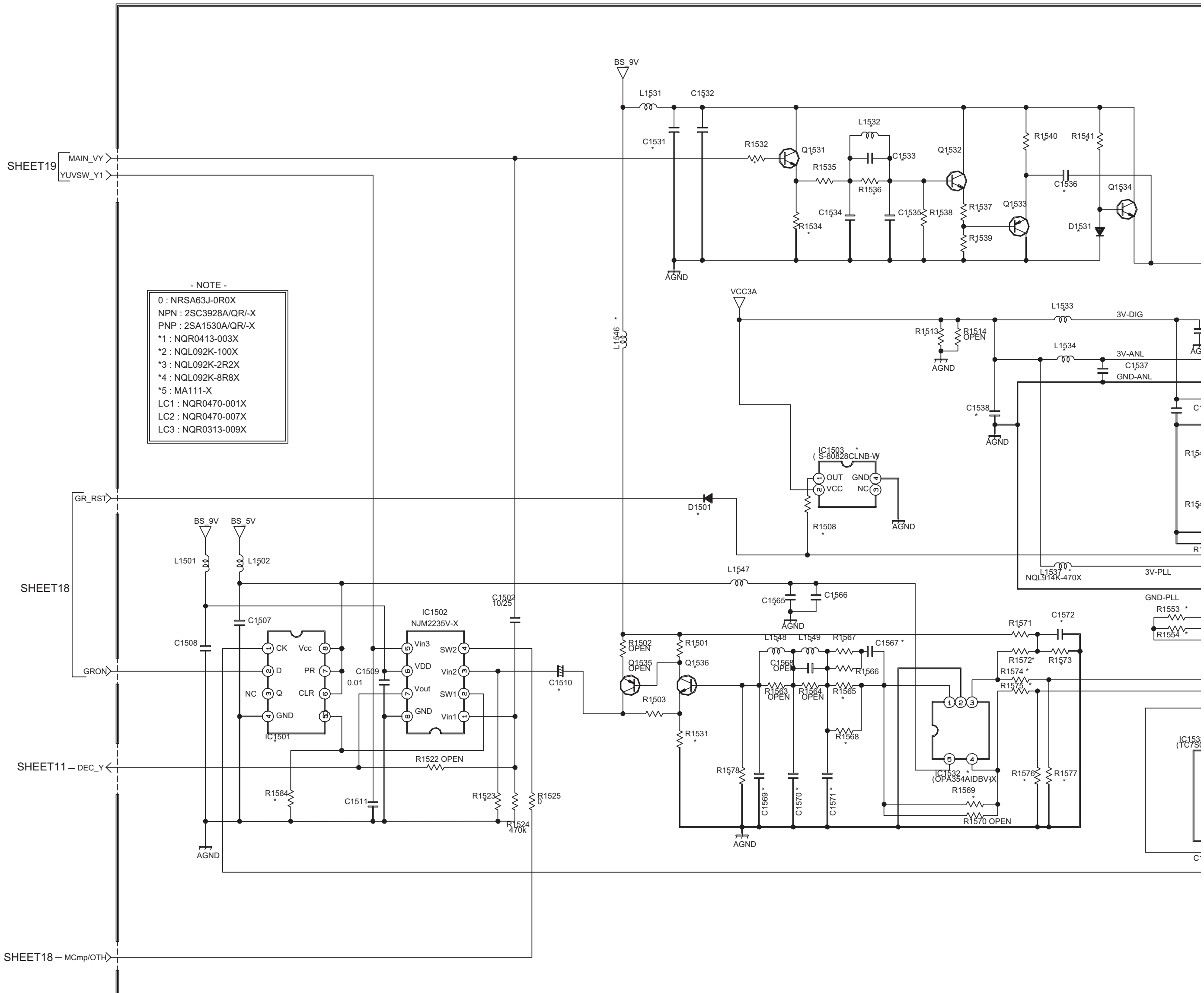
*1 :NQR0415-005X


SDA3B5
SCL3B5
SHEET4,5,6
FAN_LOCK
SHEET5
BS_A9V
BS_A5V
12V
9V
5V
L901
C911
3.3
GND
L902
D903
C913
3.3
GND
GND
9V SWITCH
R907
330
Q901
C912
47
GND
L903
OPEN
C914
OPEN
GND
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
GND
L904
D904
C916
15
GND
GND
D902
OPEN
C901
OPEN
D905
OPEN
903
PEN
R904
OPEN
LB_PRO5
SHEET5
MAIN_POW
AC_IN
REC_LED
POW_GOOD

ANALOG SIGNAL PWB ASS'Y (5/5)

SRP-1022A-M2 [HD-61Z786,HD-61Z886]
SRP-1021A-M2 [HD-70G886]

c10363001A005_0216_5/5_0.0



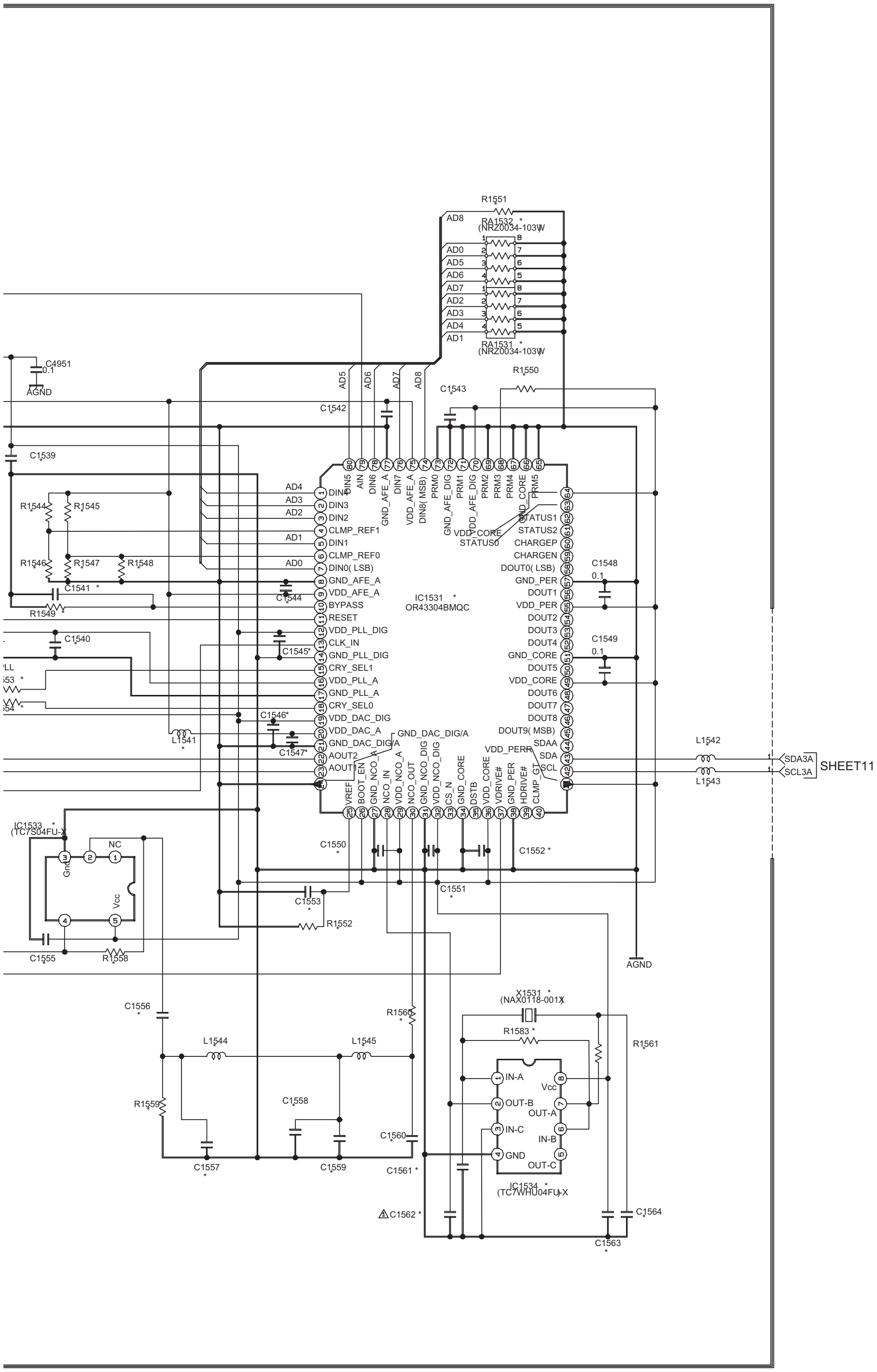
SHEET19
MAIN_VY
YUVSW_Y1
SHEET18
GR_RST
GRON
SHEET11 – DEC_Y
SHEET18 – MCmp/OTH
BS_9V
L1531
C1532
C1531
R1532
Q1531
L1532
C1533
R1535
R1536
Q1532
R1540
R1541
C1536
Q1534
C1534
C1535
R1538
R1537
Q1533
D1531
R1534
R1539
AGND
VCC3A
L1546
L1533
3V-DIG
R1513
R1514 OPEN
L1534
3V-ANL
C1537
GND-ANL
C1538
IC1503 (S-80828CLNB-W)
OUT
GND
VCC
NC
D1501
R1508
L1537
NQL914K-470X
3V-PLL
GND-PLL
R1553
R1554
BS_9V
BS_5V
L1501
L1502
C1507
C1508
CK
Vcc
D
PR
NC
Q
CLR
GND
IC1501
IC1502
NJM2235V-X
Vin3
SW2
VDD
Vin2
Vout
SW1
Vin1
C1509
0.01
C1502
10/25
C1510
L1547
C1565
C1566
R1502 OPEN
Q1535 OPEN
R1501
Q1536
R1503
R1531
L1548
L1549
R1567
C1567
C1568 OPEN
R1566
R1563 OPEN
R1564 OPEN
R1565
R1568
R1571
C1572
R1572
R1573
R1574
R1575
IC1532 (OPA354AIDBV-X)
R1569
R1570 OPEN
R1576
R1577
R1578
C1569
C1570
C1571
R1522 OPEN
R1584
C1511
R1523
R1524 470k
R1525 0
IC1531 (TC7S

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : MA111-X
LC1 : NQR0470-001X
LC2 : NQR0470-007X
LC3 : NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y (1/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

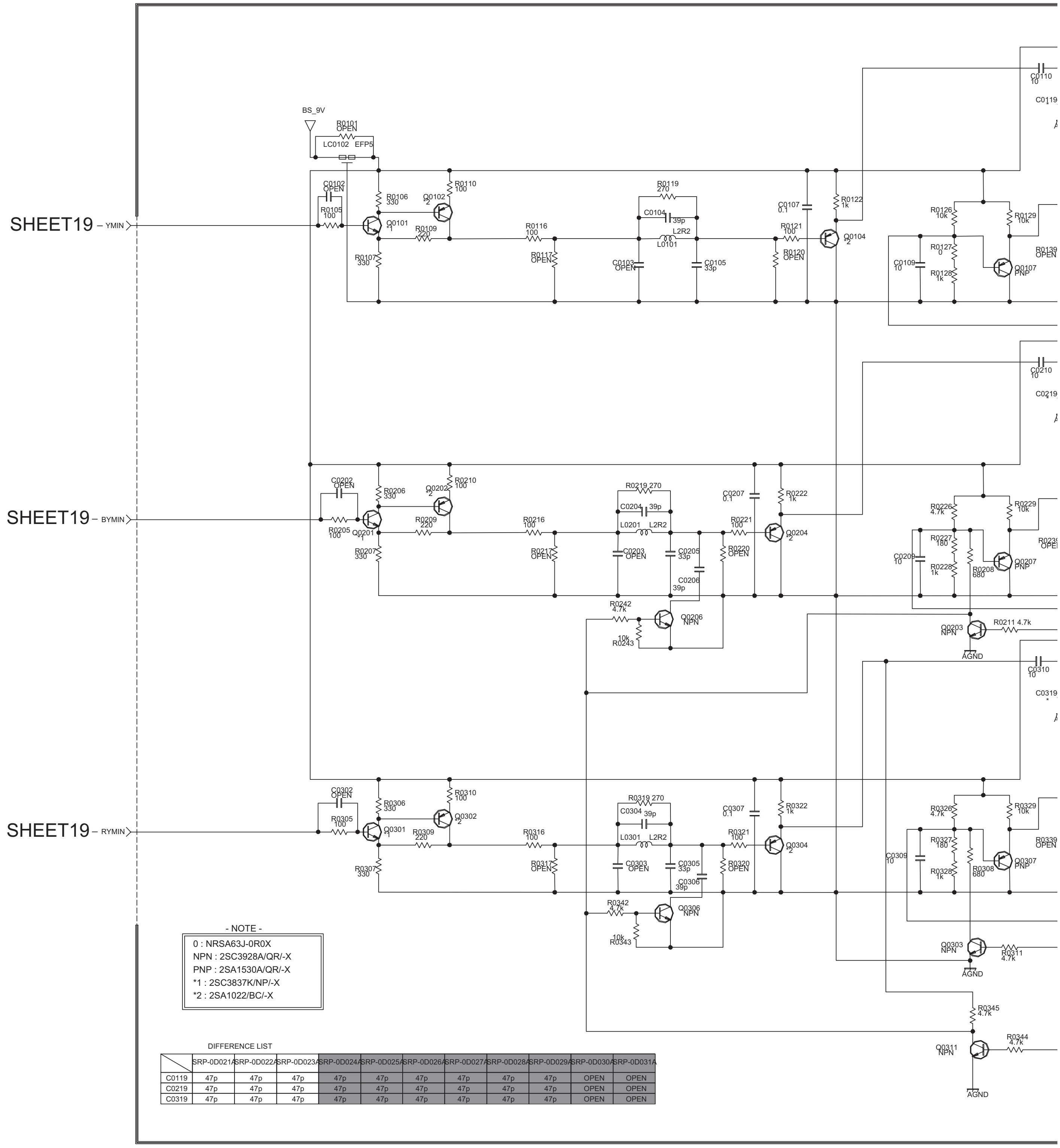

R1551
AD8
RA1532 *
(NRZ0034-103W)
AD0
AD5
AD6
AD7
AD2
AD3
AD4
AD1
RA1531 *
(NRZ0034-103W)
C4951
0.1
AGND
AD5
AD6
AD7
AD8
R1550
C1543
C1542
C1539
R1544
R1545
R1546
R1547
R1548
C1541 *
C1544
R1549
C1540
C1545*
C1546*
C1547*
L1541
*
AD4
AD3
AD2
AD1
AD0
DIN4
DIN3
DIN2
CLMP_REF1
DIN1
CLMP_REF0
DIN0(LSB)
GND_AFE_A
VDD_AFE_A
BYPASS
RESET
VDD_PLL_DIG
CLK_IN
GND_PLL_DIG
CRY_SEL1
VDD_PLL_A
GND_PLL_A
CRY_SEL0
VDD_DAC_DIG
VDD_DAC_A
GND_DAC_DIG
AOUT2
AOUT1
DIN5
AIN
DIN6
GND_AFE_A
DIN7
VDD_AFE_A
DIN8(MSB)
PRM0
GND_AFE_DIG
PRM1
VDD_AFE_DIG
PRM2
PRM3
PRM4
GND_CORE
PRM5
IC1531 *
OR43304BMQC
STATUS1
STATUS2
VDD_CORE
STATUS0
CHARGEP
CHARGEN
DOUT0(LSB)
GND_PER
DOUT1
VDD_PER
DOUT2
DOUT3
DOUT4
GND_CORE
DOUT5
VDD_CORE
DOUT6
DOUT7
DOUT8
DOUT9(MSB)
GND_DAC_DIG/A
SDAA
VDD_PERR
SDA
SCL
VREF
BOOT_EN
GND_NCO_A
NCO_IN
VDD_NCO_A
NCO_OUT
GND_NCO_DIG
VDD_NCO_DIG
CS_N
GND_CORE
DSTB
VDD_CORE
VDRIVE#
GND_PER
HDRIVE#
CLMP_GT
C1548
0.1
C1549
0.1
L1542
L1543
SDA3A
SCL3A
SHEET11
IC1533 *
(TC7S04FU-X)
NC
Gnd
Vcc
C1555
R1558
C1553
*
R1552
C1550
*
C1551
*
C1552 *
AGND
C1556
*
L1544
L1545
R1559
C1557
*
C1558
C1559
R1565
*
C1560
C1561 *
C1562 *
X1531 *
(NAX0118-001X)
R1583 *
R1561
IN-A
OUT-B
IN-C
GND
Vcc
OUT-A
IN-B
OUT-C
IC1534 *
(TC7WHU04FU-X)
C1563
*
C1564
PLL
53 *
54 *

DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
C1507	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1510	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NENA1EM-106X	NENA1EM-106X
C1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7/16	4.7/16
C1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	15p	15p
C1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	220p	220p
C1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	120p	120p
C1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7/16	4.7/16
C1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7/16	4.7/16
C1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7/16	4.7/16
C1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1555	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1556	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p/16	1000p/16
C1557	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	270p	270p
C1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	560p	560p
C1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	270p	270p
C1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	390p	390p
C1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	33p	33p
C1562	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10p	10p
C1563	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1564	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	33p	33p
C1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7/16	4.7/16
C1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	330p	330p
C1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p/16	1000p/16
C1570	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1500p/50	1500p/50
C1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	220p	220p
C1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
D1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1SS355-X	1SS355-X
D1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1SS355-X	1SS355-X
IC1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7W74F-X	TC7W74F-X
IC1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CLNB-G-W	S-80828CLNB-G-W
IC1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OR43304BMQC	OR43304BMQC
IC1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPA354AIDBV-X	OPA354AIDBV-X
IC1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7S04FU-X	TC7S04FU-X
IC1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7WHU04FU-X	TC7WHU04FU-X
L1502	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1
L1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1
L1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*4	*4
L1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X
L1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X
L1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL914K-470X	NQL914K-470X
L1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1
L1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*2	*2
L1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*2	*2
L1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*2	*2
L1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*2	*2
L1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1
L1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1
L1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*3	*3
L1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*3	*3
Q1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NPN	NPN
Q1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NPN	NPN
Q1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	PNP	PNP
Q1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NPN	NPN
Q1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NPN	NPN
R1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R1508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	3.9k	3.9k
R1513	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	560	560
R1523	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	NCB31CK-104X	1000k	1000k
R1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2.2k	2.2k
R1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.2k	1.2k
R1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	180	180
R1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	680	680
R1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	5.6k	5.6k
R1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k	4.7k
R1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	3.9k	3.9k
R1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	3.9k	3.9k
R1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.2k	1.2k
R1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k	4.7k
R1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47k	47k
R1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R1554	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000k	1000k
R1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.8k	1.8k
R1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	330	330
R1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47
R1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	330	330
R1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47
R1568	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	330	330
R1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	7.5k	7.5k
R1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	8.2k	8.2k
R1573	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	390	390
R1574	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.8k	1.8k
R1575	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.8k	1.8k
R1576	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	75	75
R1577	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	75	75
R1578	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R1583	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000k	1000k
R1584	0	0	0	0	0	0	0	0	0	OPEN	OPEN
RA1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W
RA1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W
X1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0118-001X	NAX0118-001X

c10362001a010_0216_10/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET10

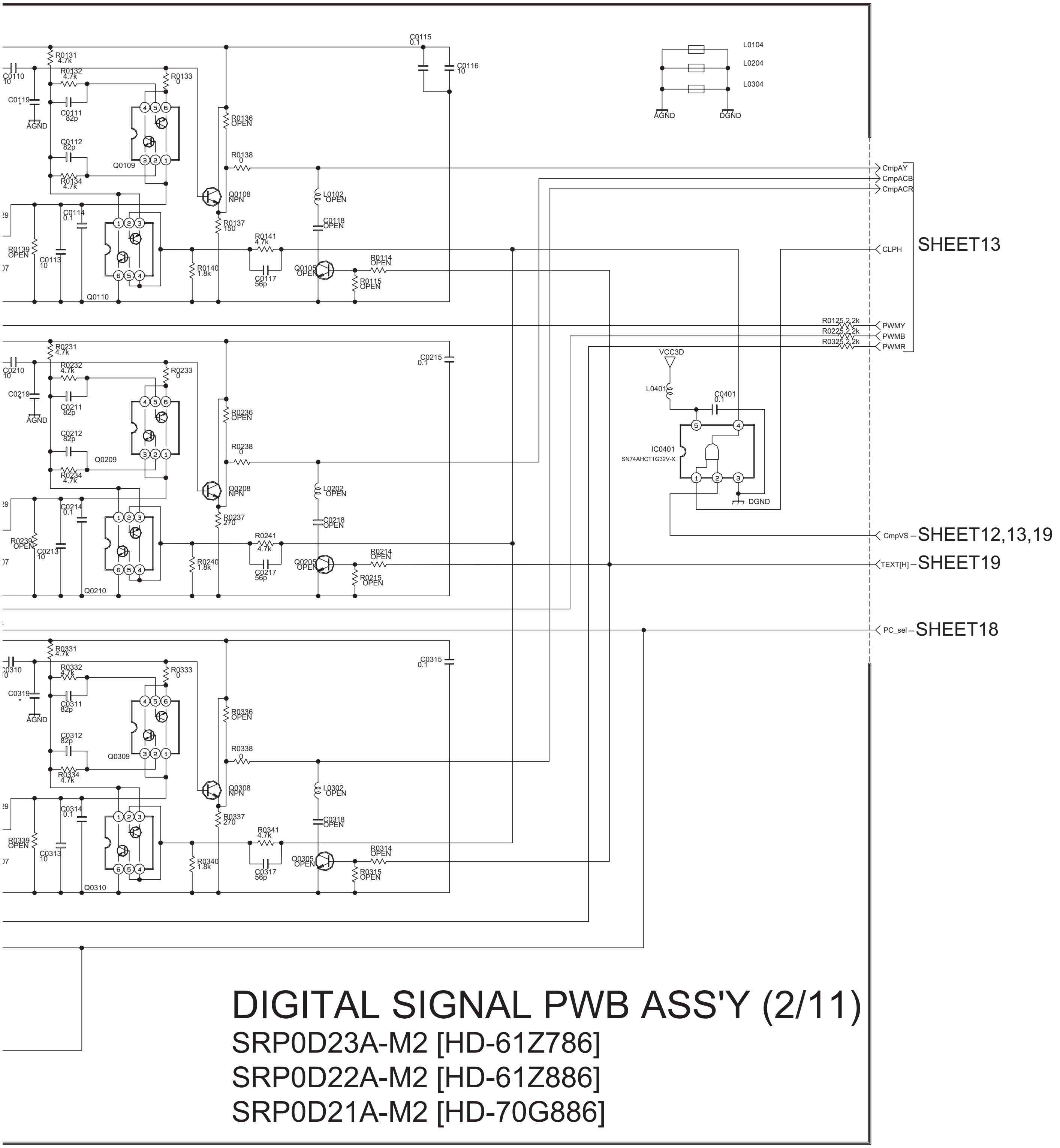

SHEET19 – YMIN
SHEET19 – BYMIN
SHEET19 – RYMIN
BS_9V
R0101 OPEN
LC0102 EFP5
C0102 OPEN
R0105 100
R0106 330
R0107 330
Q0101 *1
Q0102 *2
R0110 100
R0109 220
R0116 100
R0117 OPEN
R0119 270
C0104 39p
L2R2
L0101
C0103 OPEN
C0105 33p
C0107 0.1
R0121 100
R0120 OPEN
R0122 1k
Q0104 *2
C0110 10
C0119
R0126 10k
R0127 0
R0128 1k
C0109 10
R0129 10k
Q0107 PNP
R0139 OPEN
C0202 OPEN
R0205 100
R0206 330
R0207 330
Q0201 *1
Q0202 *2
R0210 100
R0209 220
R0216 100
R0217 OPEN
R0219 270
C0204 39p
L0201 L2R2
C0203 OPEN
C0205 33p
C0206 39p
C0207 0.1
R0221 100
R0220 OPEN
R0222 1k
Q0204 *2
R0242 4.7k
R0243 10k
Q0206 NPN
C0210 10
C0219
R0226 4.7k
R0227 180
R0228 1k
R0208 680
C0209 10
R0229 10k
Q0207 PNP
R0239 OPEN
Q0203 NPN
R0211 4.7k
AGND
C0310 10
C0319
C0302 OPEN
R0305 100
R0306 330
R0307 330
Q0301 *1
Q0302 *2
R0310 100
R0309 220
R0316 100
R0317 OPEN
R0319 270
C0304 39p
L0301 L2R2
C0303 OPEN
C0305 33p
C0306 39p
C0307 0.1
R0321 100
R0320 OPEN
R0322 1k
Q0304 *2
R0342 4.7k
R0343 10k
Q0306 NPN
R0326 4.7k
R0327 180
R0328 1k
R0308 680
C0309 10
R0329 10k
Q0307 PNP
R0339 OPEN
Q0303 NPN
R0311 4.7k
AGND
R0345 4.7k
R0344 4.7k
Q0311 NPN
AGND

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
C0119	47p	47p	47p	47p	47p	47p	47p	47p	47p	OPEN	OPEN
C0219	47p	47p	47p	47p	47p	47p	47p	47p	47p	OPEN	OPEN
C0319	47p	47p	47p	47p	47p	47p	47p	47p	47p	OPEN	OPEN


C0115
0.1
C0116
10
L0104
L0204
L0304
AGND
DGND
R0131
4.7k
C0110
10
R0132
4.7k
R0133
0
C0119
AGND
C0111
82p
C0112
82p
R0134
4.7k
Q0109
R0136
OPEN
R0138
0
Q0108
NPN
L0102
OPEN
C0114
0.1
R0137
150
C0118
OPEN
R0139
OPEN
C0113
10
R0141
4.7k
R0140
1.8k
C0117
56p
Q0105
OPEN
R0114
OPEN
R0115
OPEN
Q0110
CmpAY
CmpACB
CmpACR
CLPH
SHEET13
R0125 2.2k
R0225 2.2k
R0325 2.2k
PWMY
PWMB
PWMR
R0231
4.7k
C0210
10
R0232
4.7k
R0233
0
C0215
0.1
C0219
AGND
C0211
82p
R0236
OPEN
C0212
82p
R0238
0
Q0209
R0234
4.7k
Q0208
NPN
L0202
OPEN
C0214
0.1
R0237
270
C0218
OPEN
R0239
OPEN
C0213
10
R0241
4.7k
R0240
1.8k
C0217
56p
Q0205
OPEN
R0214
OPEN
R0215
OPEN
Q0210
VCC3D
L0401
C0401
0.1
IC0401
SN74AHCT1G32V-X
DGND
CmpVS
SHEET12,13,19
TEXT[H]
SHEET19
PC_sel
SHEET18
R0331
4.7k
C0310
10
R0332
4.7k
R0333
0
C0315
0.1
C0319
AGND
C0311
82p
R0336
OPEN
C0312
82p
R0338
0
Q0309
R0334
4.7k
Q0308
NPN
L0302
OPEN
C0314
0.1
R0337
270
C0318
OPEN
R0339
OPEN
C0313
10
R0341
4.7k
R0340
1.8k
C0317
56p
Q0305
OPEN
R0314
OPEN
R0315
OPEN
Q0310

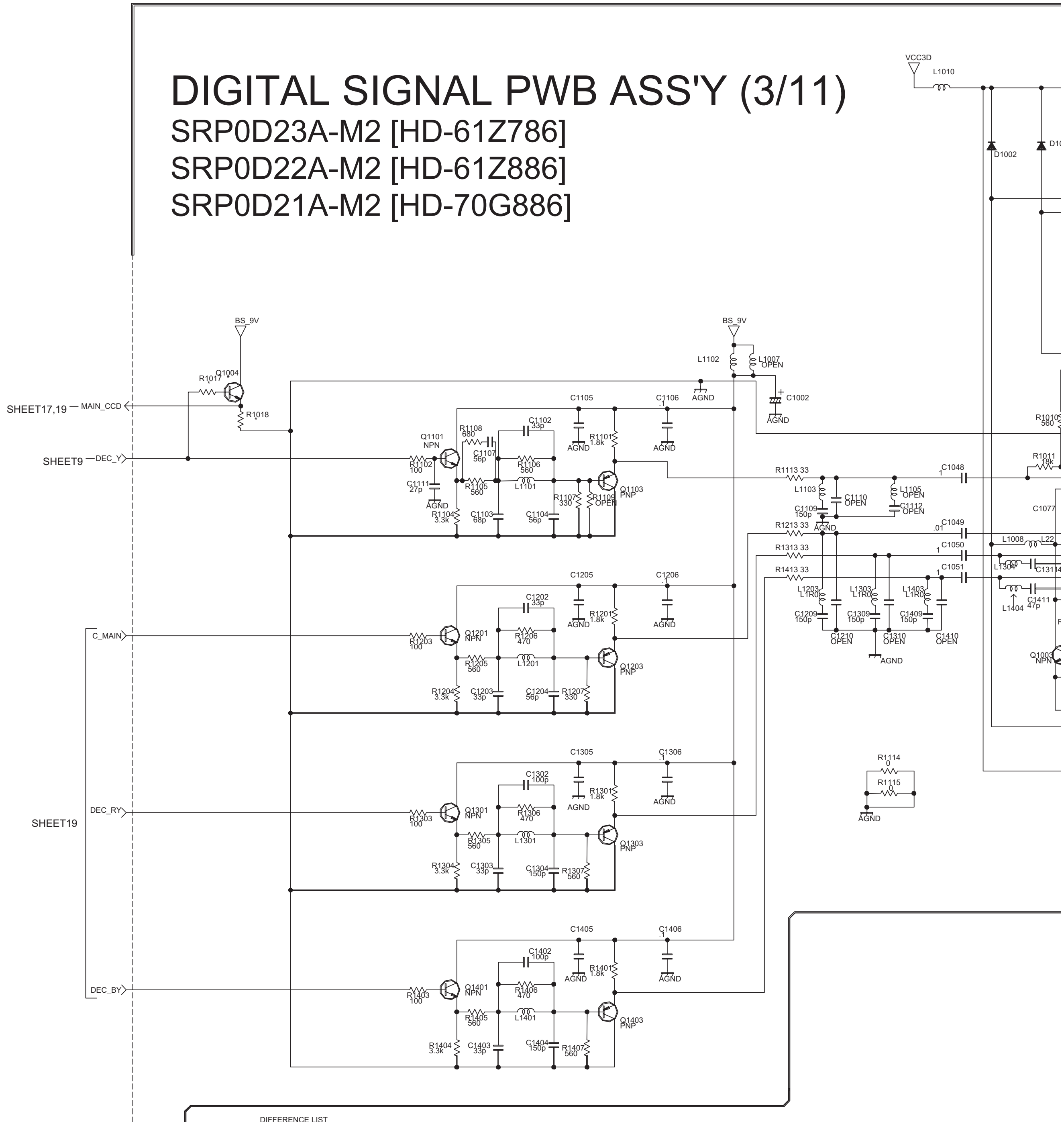
DIGITAL SIGNAL PWB ASS'Y (2/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

c10362001a001_0216_1/12_0.0

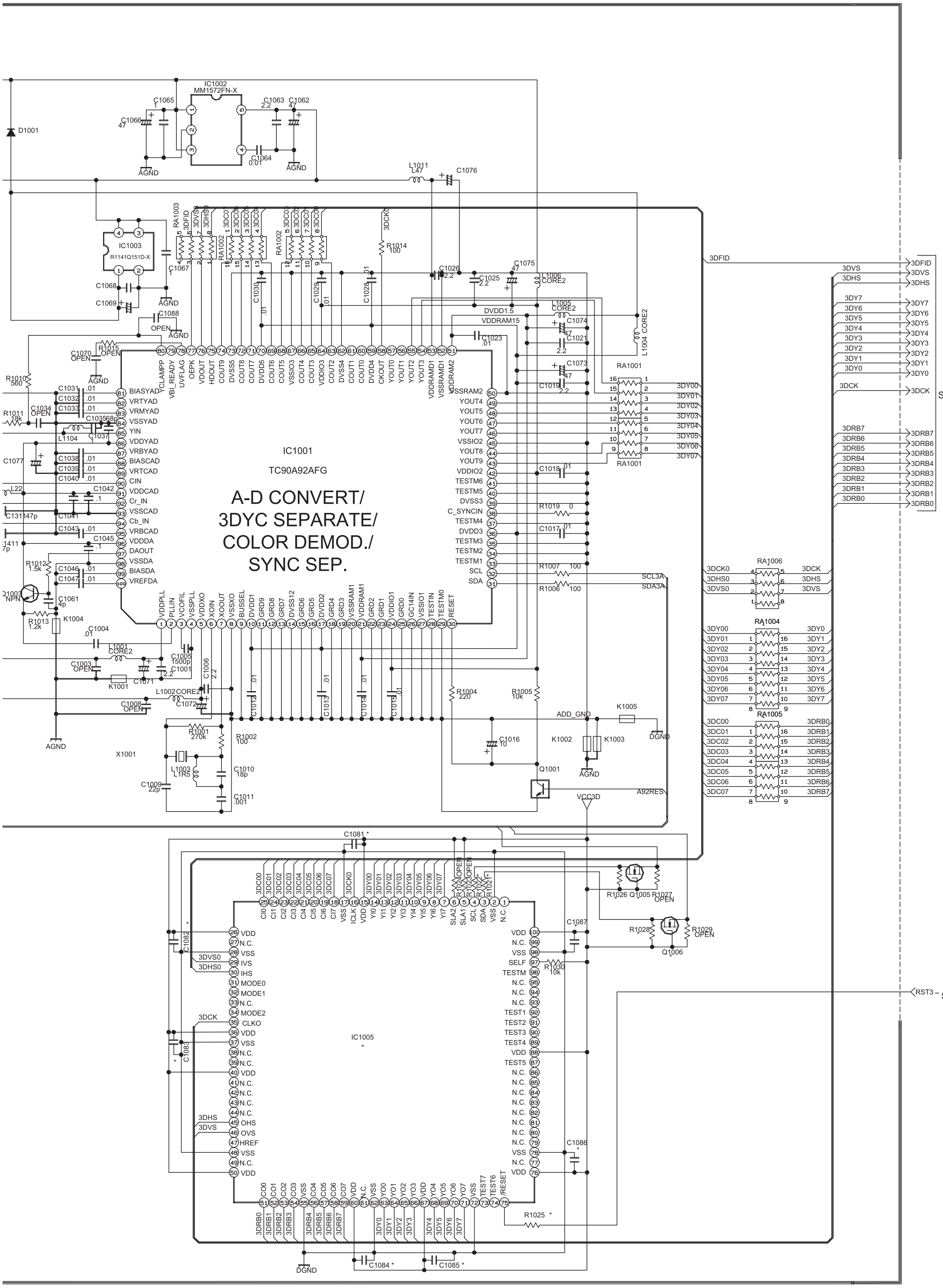
DIGITAL SIGNAL PWB ASS'Y (3/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]


VCC3D
L1010
D1002
BS_9V
Q1004
R1017
R1018
SHEET17,19
MAIN_CCD
SHEET9
DEC_Y
Q1101 NPN
R1102 100
C1111 27p
R1104 3.3k
R1108 680
C1107 56p
C1102 33p
R1105 560
R1106 560
L1101
C1103 68p
C1104 56p
R1107 330
R1109 OPEN
Q1103 PNP
C1105
R1101 1.8k
C1106 .1
AGND
L1102
L1007 OPEN
C1002
R1113 33
L1103
C1109 150p
C1110 OPEN
L1105 OPEN
C1112 OPEN
C1048 1
R1010 560
R1011 18k
C1077
R1213 33
C1049 .01
R1313 33
C1050 1
L1008
R1413 33
C1051 1
L1303
L1304
C1311
L1203 L1R0
L1303 L1R0
L1403 L1R0
C1209 150p
C1309 150p
C1409 150p
C1210 OPEN
C1310 OPEN
C1410 OPEN
L1404
C1411 47p
Q1003 NPN
C_MAIN
Q1201 NPN
R1203 100
R1204 3.3k
R1205 560
C1203 33p
C1202 33p
R1206 470
L1201
C1204 56p
R1207 330
Q1203 PNP
C1205
R1201 1.8k
C1206
SHEET19
DEC_RY
Q1301 NPN
R1303 100
R1304 3.3k
R1305 560
C1303 33p
C1302 100p
R1306 470
L1301
C1304 150p
R1307 560
Q1303 PNP
C1305
R1301 1.8k
C1306 .1
R1114 0
R1115 0
DEC_BY
Q1401 NPN
R1403 100
R1404 3.3k
R1405 560
C1403 33p
C1402 100p
R1406 470
L1401
C1404 150p
R1407 560
Q1403 PNP
C1405
R1401 1.8k
C1406 .1
SHEET9,14
SCL3A
SDA3A
SHEET18
A92RES

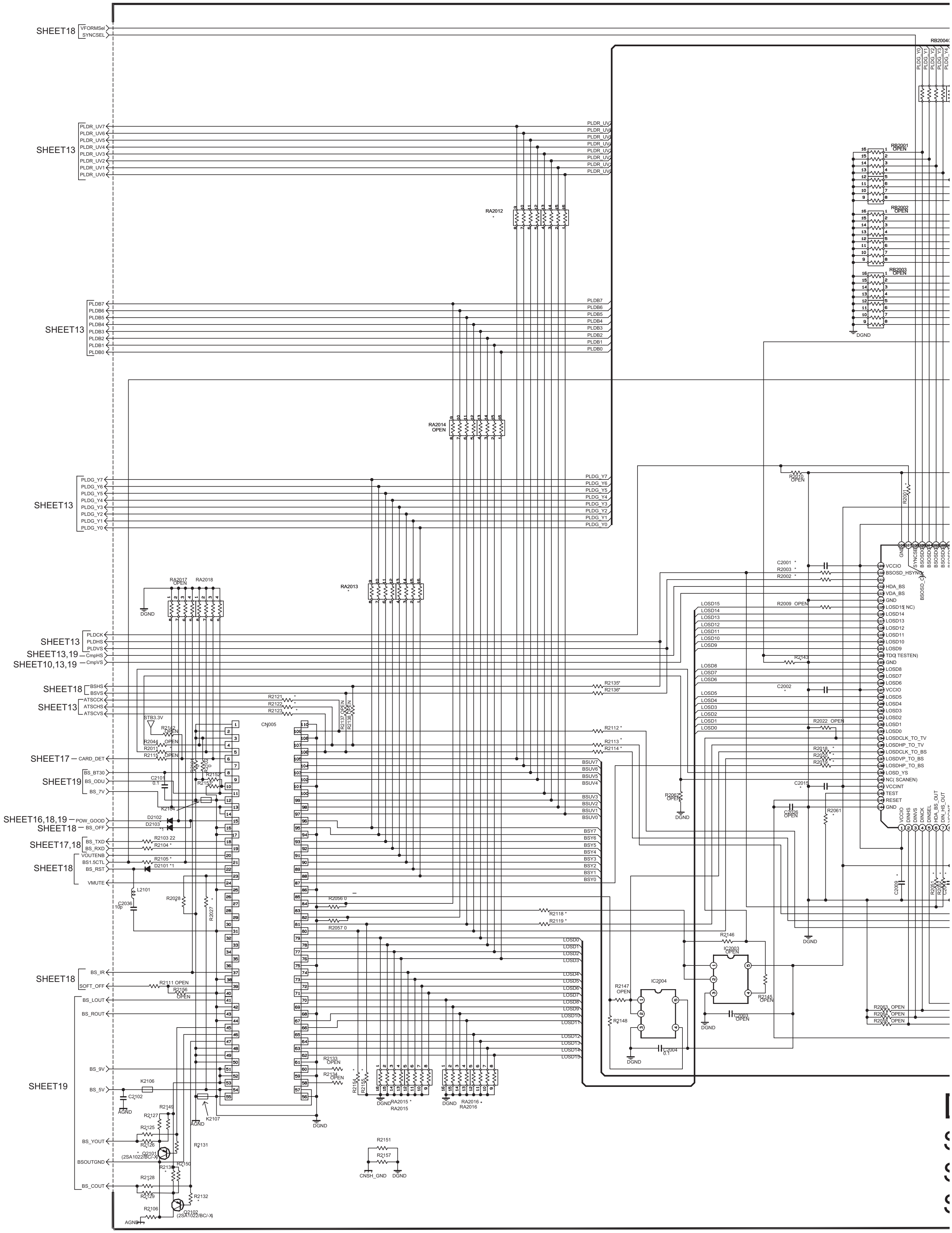
DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
IC1005	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A	ML87V2105 TBZ03A
Q1005	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X
Q1006	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X	2SK1228-X
RA1004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA1005	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA1006	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R1021	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z
R1022	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z
R1025	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z	NRSA63J-101Z
R1026	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X
R1028	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X	NRSA63J-273X
C1081	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
C1082	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
C1083	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
C1084	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
C1085	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
C1086	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
C1087	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X	NCB31CK-103X
Q1004	NPN	NPN	NPN	NPN	NPN	NPN	NPN	NPN	NPN	OPEN	OPEN
R1017	100	100	100	100	100	100	100	100	100	OPEN	OPEN
R1018	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	OPEN	OPEN


IC1001
TC90A92AFG
A-D CONVERT/
3DYC SEPARATE/
COLOR DEMOD./
SYNC SEP.
IC1002
MM1572FN-X
IC1003
R1141Q151D-X
IC1005
D1001
L1011
L47
AGND
DGND
VCC3D
ADD_GND
A92RES
SCL3A
SDA3A
3DFID
3DVS
3DHS
3DY7
3DY6
3DY5
3DY4
3DY3
3DY2
3DY1
3DY0
3DCK
SHEET13
3DRB7
3DRB6
3DRB5
3DRB4
3DRB3
3DRB2
3DRB1
3DRB0
RA1001
RA1004
RA1005
RA1006
Q1001
Q1005
Q1006
X1001
RST3
SHEET12,13,14

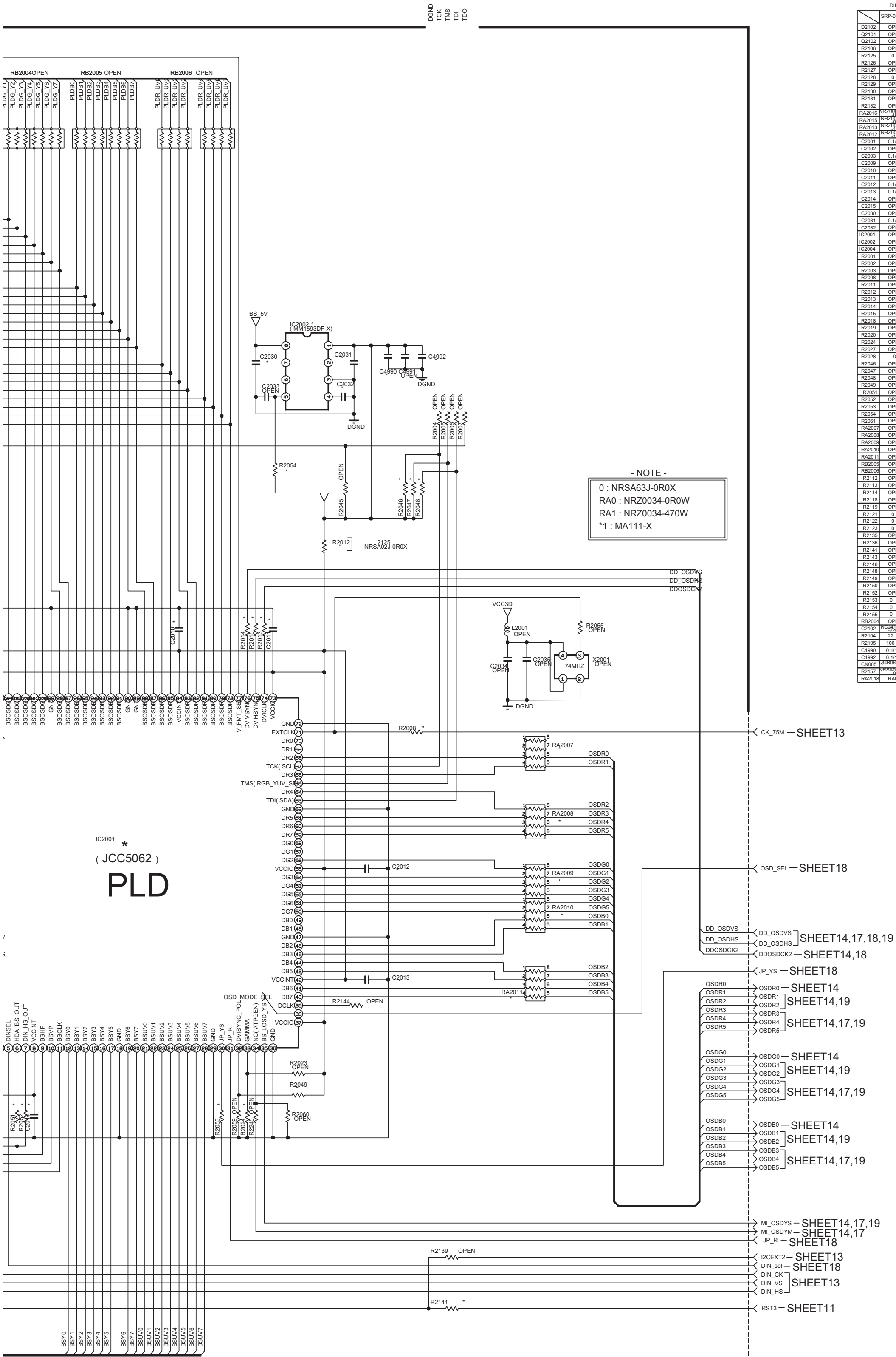
c10362001a002_0216_2/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET12


SHEET18
VFORMSel
SYNCSEL
SHEET13
PLDR_UV7
PLDR_UV6
PLDR_UV5
PLDR_UV4
PLDR_UV3
PLDR_UV2
PLDR_UV1
PLDR_UV0
RA2012
SHEET13
PLDB7
PLDB6
PLDB5
PLDB4
PLDB3
PLDB2
PLDB1
PLDB0
RA2014
OPEN
SHEET13
PLDG_Y7
PLDG_Y6
PLDG_Y5
PLDG_Y4
PLDG_Y3
PLDG_Y2
PLDG_Y1
PLDG_Y0
RA2017
OPEN
RA2018
DGND
RA2013
SHEET13
PLDCK
PLDHS
PLDVS
SHEET13,19
CmpHS
SHEET10,13,19
CmpVS
SHEET18
BSHS
BSVS
SHEET13
ATSCCK
ATSCHS
ATSCVS
STB3.3V
R2121
R2122
R2123
CN2005
R2137 OPEN
R2138 OPEN
SHEET17
CARD_DET
SHEET19
BS_BT30
BS_ODU
BS_7V
C2101
0.1
SHEET16,18,19
POW_GOOD
SHEET18
BS_OFF
D2102
D2103
K2104
SHEET17,18
BS_TXD
BS_RXD
R2103 22
R2104
SHEET18
VOUTENB
BS1.5CTL
BS_RST
VMUTE
R2105
D2101
L2101
C2036
10p
R2028
R2027
R2056 0
R2057 0
SHEET18
BS_IR
SOFT_OFF
R2111 OPEN
R2156 OPEN
SHEET19
BS_LOUT
BS_ROUT
BS_9V
BS_5V
K2106
C2102
AGND
K2107
R2133 OPEN
R2134 OPEN
R2127
R2125
R2126
R2149
BS_YOUT
Q2101 (2SA1022/BC/-X)
BSOUTGND
R2130
R2150
R2131
BS_COUT
R2128
R2129
R2132
R2106
Q2102 (2SA1022/BC/-X)
RA2015
RA2016
DGND
R2151
R2157
CNSH_GND
DGND
R2112
R2113
R2114
R2135
R2136
BSUV7
BSUV6
BSUV5
BSUV4
BSUV3
BSUV2
BSUV1
BSUV0
BSY7
BSY6
BSY5
BSY4
BSY3
BSY2
BSY1
BSY0
R2118
R2119
LOSD0
LOSD1
LOSD2
LOSD3
LOSD4
LOSD5
LOSD6
LOSD7
LOSD8
LOSD9
LOSD10
LOSD11
LOSD12
LOSD13
LOSD14
LOSD15
R2147 OPEN
R2148
IC2004
C2004
0.1
DGND
R2146
IC2003 OPEN
R2145 OPEN
C2003 OPEN
R2060 OPEN
R2010 OPEN
R2001
R2143
C2001
R2003
R2002
R2009 OPEN
C2002
R2022 OPEN
R2018
R2020
R2019
C2015
C2026 OPEN
R2061
DGND
VCCIO
BSOSD_HSYNC
HDA_BS
VDA_BS
GND
LOSD15 NC)
LOSD14
LOSD13
LOSD12
LOSD11
LOSD10
LOSD9
TDO(TESTEN)
GND
LOSD8
LOSD7
LOSD6
VCCIO
LOSD5
LOSD4
LOSD3
LOSD2
LOSD1
LOSD0
LOSDCLK_TO_TV
LOSDHP_TO_TV
LOSDCLK_TO_BS
LOSDVP_TO_BS
LOSDHP_TO_BS
LOSD_YS
NC(SCANEN)
VCCINT
TEST
RESET
GND
VCCIO
DINHS
DINVS
DINCK
DINSEL
HDA_BS_OUT
DIN_HS_OUT
C2009
R2063 OPEN
R2064 OPEN
R2065 OPEN
RB2001 OPEN
RB2002 OPEN
RB2003 OPEN
RB2004
PLDG_Y0
PLDG_Y1
PLDG_Y2
PLDG_Y3
PLDG_Y4

DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
D2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1
Q2101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022 /BC/-X	2SA1022 /BC/-X
Q2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022 /BC/-X	2SA1022 /BC/-X
R2106	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2125	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2127	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.2k	1.2k
R2128	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.2k	1.2k
R2131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R2132	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
RA2016	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN
RA2015	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN
RA2013	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	OPEN	OPEN	OPEN	OPEN
RA2012	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	NRZ0080 -101X	OPEN	OPEN	OPEN	OPEN
C2001	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	1/10	1/10
C2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2003	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN
C2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2012	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	1/10	1/10
C2013	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	1/10	1/10
C2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2030	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C2031	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	1/10	1/10
C2032	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47p/50	47p/50
IC2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	JCC5062	JCC5062
IC2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MM1593DF -X	MM1593DF -X
IC2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SN74LVC 1G08K-X	SN74LVC 1G08K-X
R2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R2003	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X
R2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2018	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R2019	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2020	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2024	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2027	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2.2k	2.2k
R2028	0	0	0	0	0	0	0	OPEN	OPEN	3.3k	3.3k
R2046	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k	4.7k
R2047	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k	4.7k
R2048	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k	4.7k
R2049	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R2051	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2052	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2053	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2054	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
RA2007	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	RA0	RA0
RA2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	RA0	RA0
RA2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	RA0	RA0
RA2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	RA0	RA0
RA2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	RA1	RA1
RB2005	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -510X	NRZ0080 -510X
RB2006	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -510X	NRZ0080 -510X
R2112	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2114	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R2118	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2119	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	150	150
R2121	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2122	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2123	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2135	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R2136	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R2141	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2143	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2146	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2148	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R2149	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.2k	1.2k
R2150	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1.2k	1.2k
R2152	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R2153	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2154	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2155	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN
RB2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -510X	NRZ0080 -510X
C2102	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	OPEN	OPEN	OPEN
R2104	22	22	22	22	22	22	22	OPEN	OPEN	0	0
R2105	100	100	100	100	100	100	100	OPEN	OPEN	0	0
C4990	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4992	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
CN005	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	OPEN	OPEN	QGB0603L1 -B0	QGB0603L1 -B0
R2157	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN
RA2018	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	OPEN	OPEN


DGND
TCK
TMS
TDI
TDO
RB2004 OPEN
RB2005 OPEN
RB2006 OPEN
BS_5V
IC2002 *
(MM1593DF-X)
C2030
C2031
C2032
C2033 OPEN
C4990
C4991 OPEN
C4992
DGND
R2054
R2045
R2012
2125
NRSA02J-0R0X
R2046
R2047
R2048
R2004
R2005
R2006
R2007
VCC3D
L2001 OPEN
C2034 OPEN
C2035 OPEN
R2055 OPEN
X2001 OPEN
74MHZ
C2010
R2014
R2015
R2016
C2011
IC2001
*
(JCC5062)
PLD
R2008
RA2007
RA2008
RA2009
RA2010
RA2011
C2012
C2013
R2144 OPEN
OSD_MODE_SEL
R2023 OPEN
R2049
R2060 OPEN
R2051
R2052
C2014
R2053
R2058
R2059
R2139 OPEN
R2141
GND
EXTCLK
DR0
DR1
DR2
TCK(SCL)
DR3
TMS(RGB_YUV_SEL)
DR4
TDI(SDA)
GND
DR5
DR6
DR7
DG0
DG1
DG2
VCCIO
DG3
DG4
DG5
DG6
DG7
DB0
DB1
GND
DB2
DB3
DB4
DB5
VCCINT
DB6
DB7
DCLK
VCCIO
BSY0
BSY1
BSY2
BSY3
BSY4
BSY5
BSY6
BSY7
BSUV0
BSUV1
BSUV2
BSUV3
BSUV4
BSUV5
BSUV6
BSUV7
OSDR0
OSDR1
OSDR2
OSDR3
OSDR4
OSDR5
OSDG0
OSDG1
OSDG2
OSDG3
OSDG4
OSDG5
OSDB0
OSDB1
OSDB2
OSDB3
OSDB4
OSDB5
DD_OSDVS
DD_OSDHS
DDOSDCK2
CK_75M — SHEET13
OSD_SEL — SHEET18
DD_OSDVS
DD_OSDHS SHEET14,17,18,19
DDOSDCK2 — SHEET14,18
JP_YS — SHEET18
OSDR0 — SHEET14
OSDR1
OSDR2 SHEET14,19
OSDR3
OSDR4
OSDR5 SHEET14,17,19
OSDG0 — SHEET14
OSDG1
OSDG2 SHEET14,19
OSDG3
OSDG4
OSDG5 SHEET14,17,19
OSDB0 — SHEET14
OSDB1
OSDB2 SHEET14,19
OSDB3
OSDB4
OSDB5 SHEET14,17,19
MI_OSDYS — SHEET14,17,19
MI_OSDYM — SHEET14,17
JP_R — SHEET18
I2CEXT2 — SHEET13
DIN_sel — SHEET18
DIN_CK
DIN_VS SHEET13
DIN_HS
RST3 — SHEET11

- NOTE -
0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : MA111-X

DIGITAL SIGNAL PWB ASS'Y (4/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

c10362001a009_0216_9/12_0.0

DIGITAL SIGNAL PWB ASS'Y (5/11)

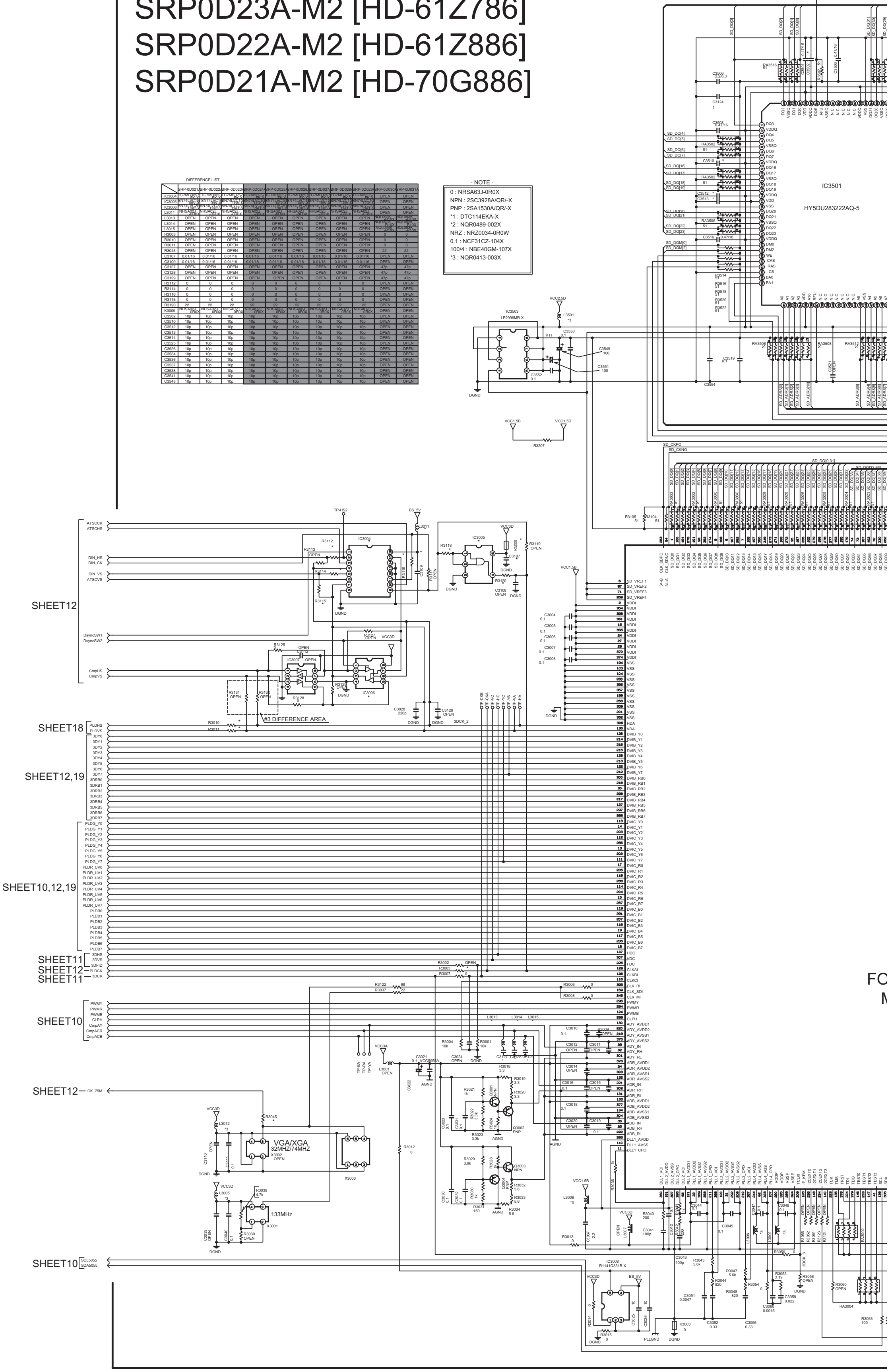
SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

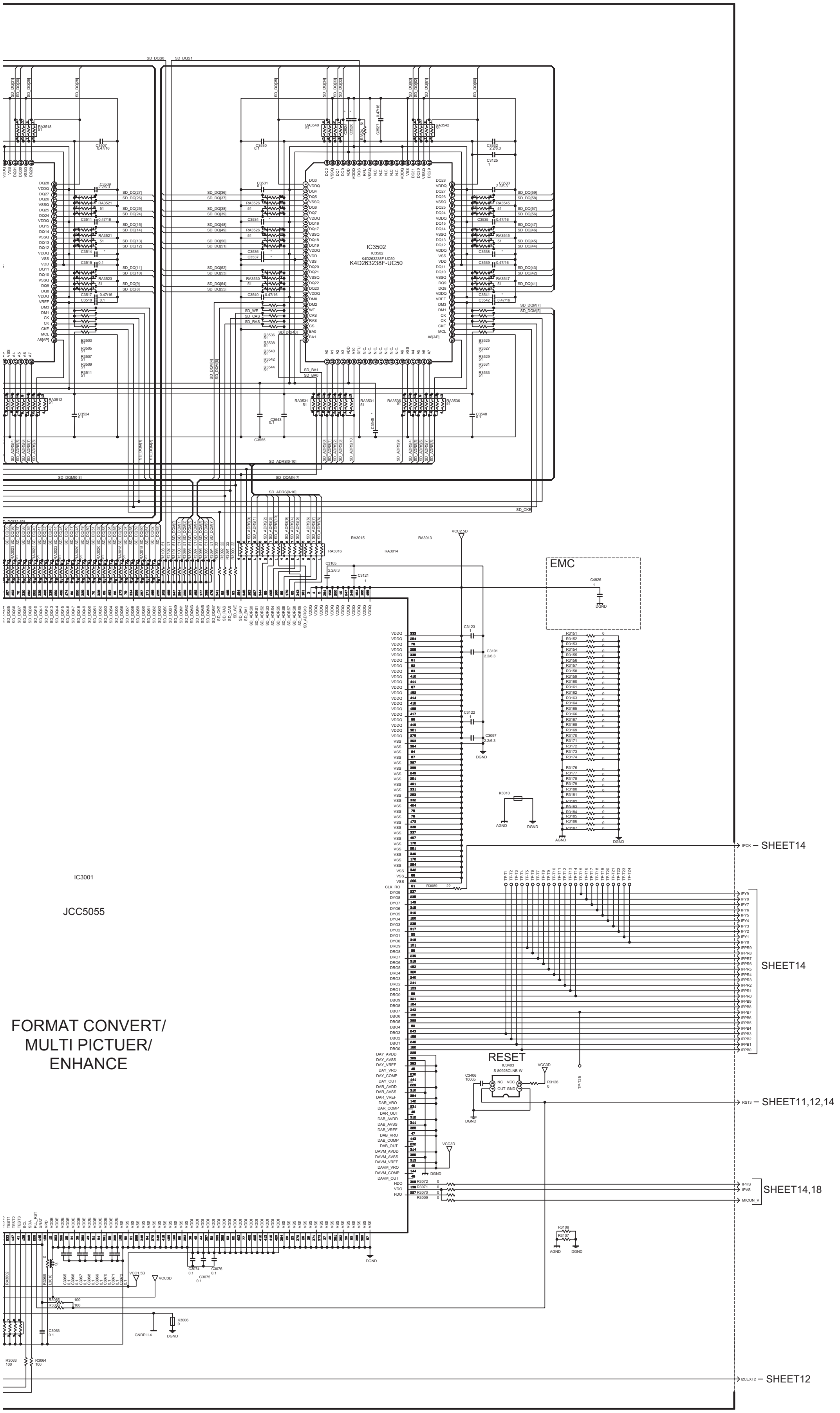
DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
IC3004	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	TC7MB3257FK-X	OPEN	OPEN
IC3005	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	SN74LVC1G08V-X	OPEN	OPEN
IC3006	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	SN74LVC2G126T-X	OPEN	OPEN
L3011	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN
L3013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL093K-R10X	NQL093K-R10X
L3014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL093K-R10X	NQL093K-R10X
L3015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL093K-R10X	NQL093K-R10X
R3003	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R3010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R3011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R3045	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
C3107	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	OPEN	OPEN
C3109	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	0.01/16	OPEN	OPEN
C3127	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47p	47p
C3128	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47p	47p
C3129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47p	47p
R3112	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R3114	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R3116	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R3118	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R3120	22	22	22	22	22	22	22	22	22	OPEN	OPEN
K3009	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN
C3502	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3510	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3512	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3513	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3514	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3525	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3526	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3534	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3536	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3537	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3538	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3541	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN
C3545	10p	10p	10p	10p	10p	10p	10p	10p	10p	OPEN	OPEN

- NOTE -

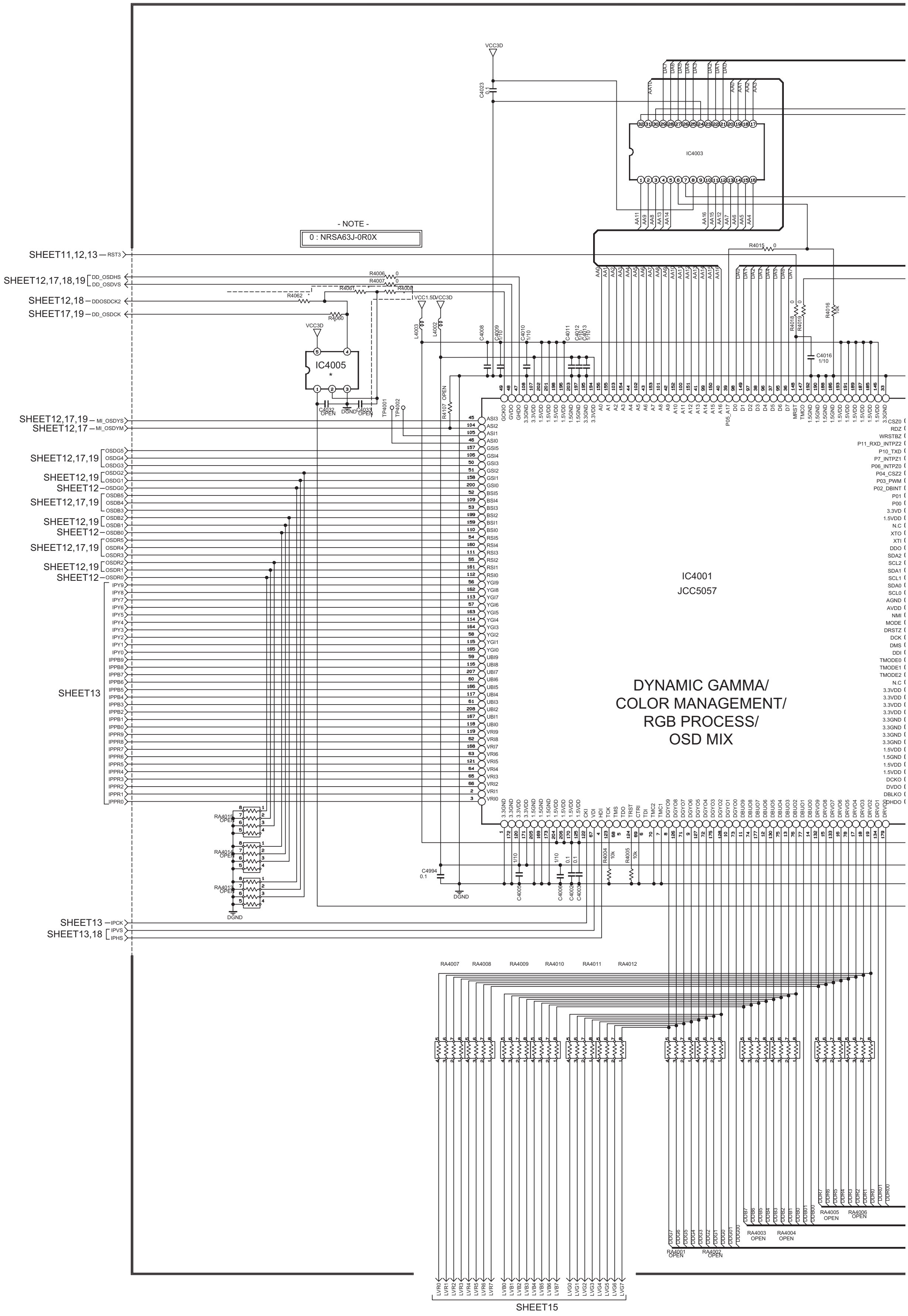
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NCF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X


IC3501
HY5DU283222AQ-5
IC3503
LP2996MR-X
VCC2.5D
VCC1.5D
VCC3D
VCC3A
VCC1.5B
BS_5V
TP-HS2
IC3004
IC3005
IC3006
IC3007
IC3008
R1141Q331B-X
SHEET12
SHEET18
SHEET12,19
SHEET10,12,19
SHEET11
SHEET12
SHEET11
SHEET10
SHEET12
SHEET10
ATSCCK
ATSCHS
DIN_HS
DIN_CK
DIN_VS
ATSCVS
DsyncSW1
DsyncSW2
CmpHS
CmpVS
#3 DIFFERENCE AREA
CK_75M
SCL5055
SDA5055
VGA/XGA
32MHZ/74MHZ
X3002
OPEN
X3003
133MHz
X3001
DGND
AGND
PLLGND
FO
M

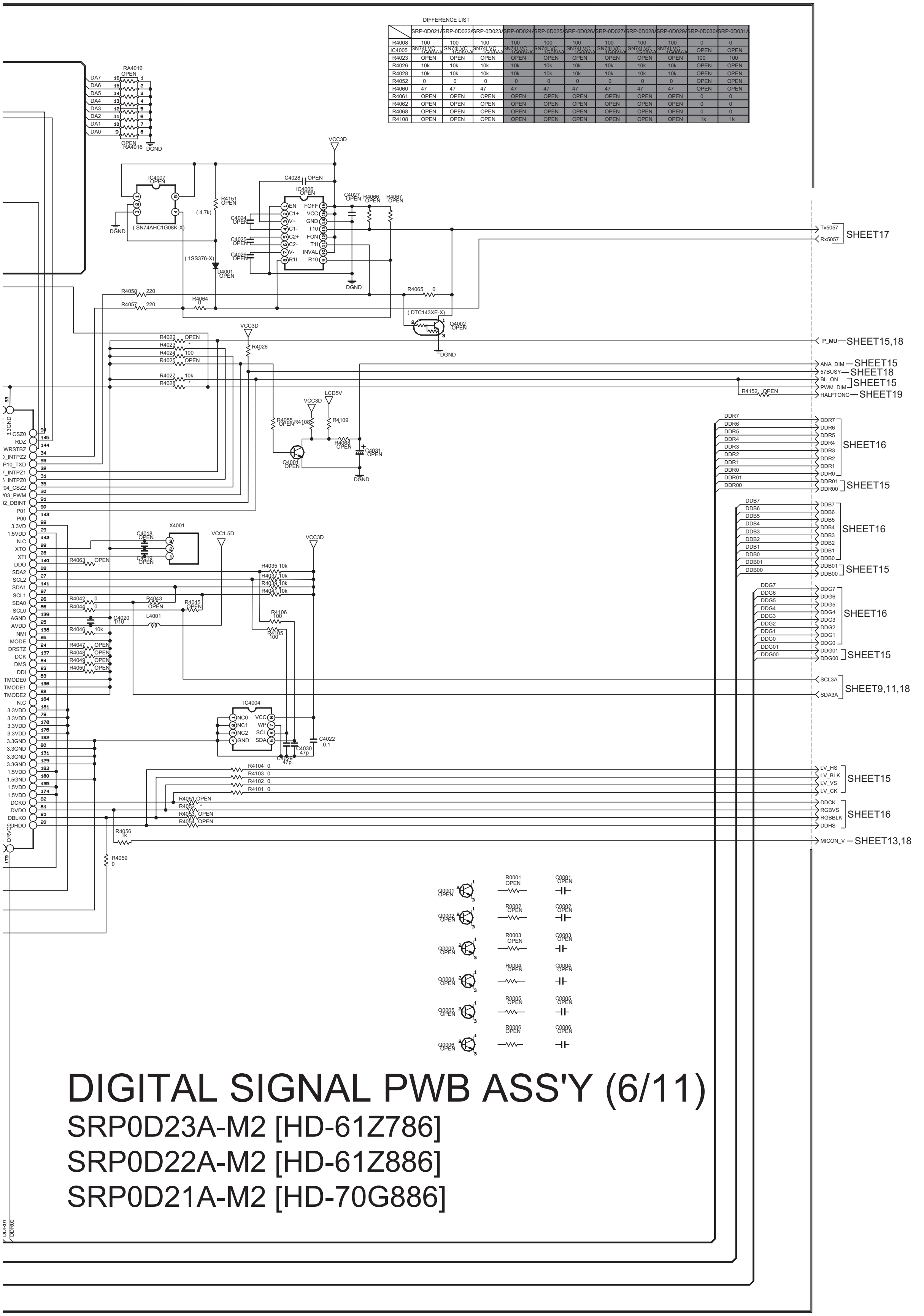

IC3502
K4D263238F-UC50
EMC
C4926
DGND
IC3001
JCC5055
FORMAT CONVERT/
MULTI PICTUER/
ENHANCE
RESET
IC3403
S-80928CLNB-W
VCC3D
VCC2.5D
SHEET14
SHEET14
SHEET11,12,14
SHEET14,18
SHEET12
AGND
DGND
K3010
K3006
GNDPLL4
VCC1.5B

c10362001a003_0216_3/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET14



- NOTE -
0 : NRSA63J-0R0X
SHEET11,12,13 — RST3
SHEET12,17,18,19 DD_OSDHS DD_OSDVS
SHEET12,18 — DDOSDCK2
SHEET17,19 — DD_OSDCK
SHEET12,17,19 — MI_OSDYS
SHEET12,17 — MI_OSDYM
SHEET12,17,19 OSDG5 OSDG4 OSDG3
SHEET12,19 OSDG2 OSDG1
SHEET12 — OSDG0
SHEET12,17,19 OSDB5 OSDB4 OSDB3
SHEET12,19 OSDB2 OSDB1
SHEET12 — OSDB0
SHEET12,17,19 OSDR5 OSDR4 OSDR3
SHEET12,19 OSDR2 OSDR1
SHEET12 — OSDR0
SHEET13
SHEET13 — IPCK
SHEET13,18 IPVS IPHS
SHEET15
VCC3D
VCC1.5D
IC4005
IC4003
IC4001
JCC5057
DYNAMIC GAMMA/
COLOR MANAGEMENT/
RGB PROCESS/
OSD MIX
R4006 0
R4007 0
R4008
R4061
R4062
R4060
R4015 0
R4016 10k
R4018 0
R4019
R4107 OPEN
R4004 10k
R4005 10k
C4023 0.1
C4008
C4009 1/10
C4010 1/10
C4011
C4012
C4013 1/10
C4016 1/10
C4032 OPEN
C4033 OPEN
C4994 0.1
L4003
L4002
TP4001
TP4002
RA4015 OPEN
RA4014 OPEN
RA4013 OPEN
RA4007
RA4008
RA4009
RA4010
RA4011
RA4012
RA4001 OPEN
RA4002 OPEN
RA4003 OPEN
RA4004 OPEN
RA4005 OPEN
RA4006 OPEN
DGND
LVR0 LVR1 LVR2 LVR3 LVR4 LVR5 LVR6 LVR7
LVB0 LVB1 LVB2 LVB3 LVB4 LVB5 LVB6 LVB7
LVG0 LVG1 LVG2 LVG3 LVG4 LVG5 LVG6 LVG7



RA4016
IC4007
(SN74AHC1G08K-X)
R4151
(1SS376-X)
D4001
IC4006
(DTC143XE-X)
Q4002
Q4001
X4001
IC4004
VCC3D
VCC1.5D
LCD5V
DGND
Tx5057
Rx5057
SHEET17
P_MU
SHEET15,18
ANA_DIM
SHEET15
57BUSY
SHEET18
BL_ON
PWM_DIM
SHEET15
HALFTONG
SHEET19
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
SHEET16
DDR01
DDR00
SHEET15
DDB7
DDB6
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
SHEET16
DDB01
DDB00
SHEET15
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
SHEET16
DDG01
DDG00
SHEET15
SCL3A
SDA3A
SHEET9,11,18
LV_HS
LV_BLK
LV_VS
LV_CK
SHEET15
DDCK
RGBVS
RGBBLK
DDHS
SHEET16
MICON_V
SHEET13,18

DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
R4008	100	100	100	100	100	100	100	100	100	0	0
IC4005	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	OPEN	OPEN
R4023	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R4026	10k	10k	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN
R4028	10k	10k	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN
R4052	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R4060	47	47	47	47	47	47	47	47	47	OPEN	OPEN
R4061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R4062	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R4068	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R4108	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k

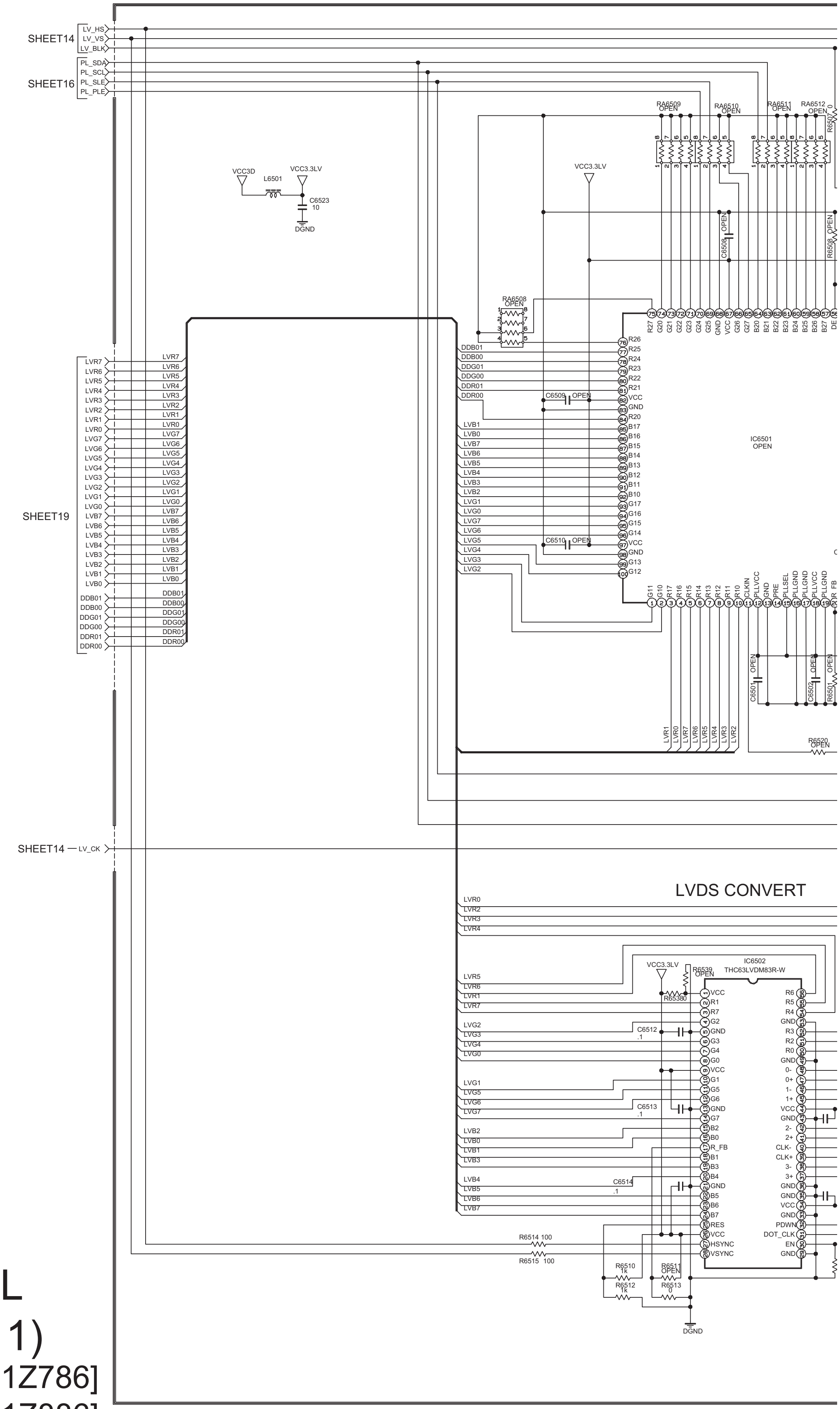
DIGITAL SIGNAL PWB ASS'Y (6/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

NOTE : Refer to the part list for the part number of IC4003 and IC4004.

c10362001a004_0216_4/12_0.0

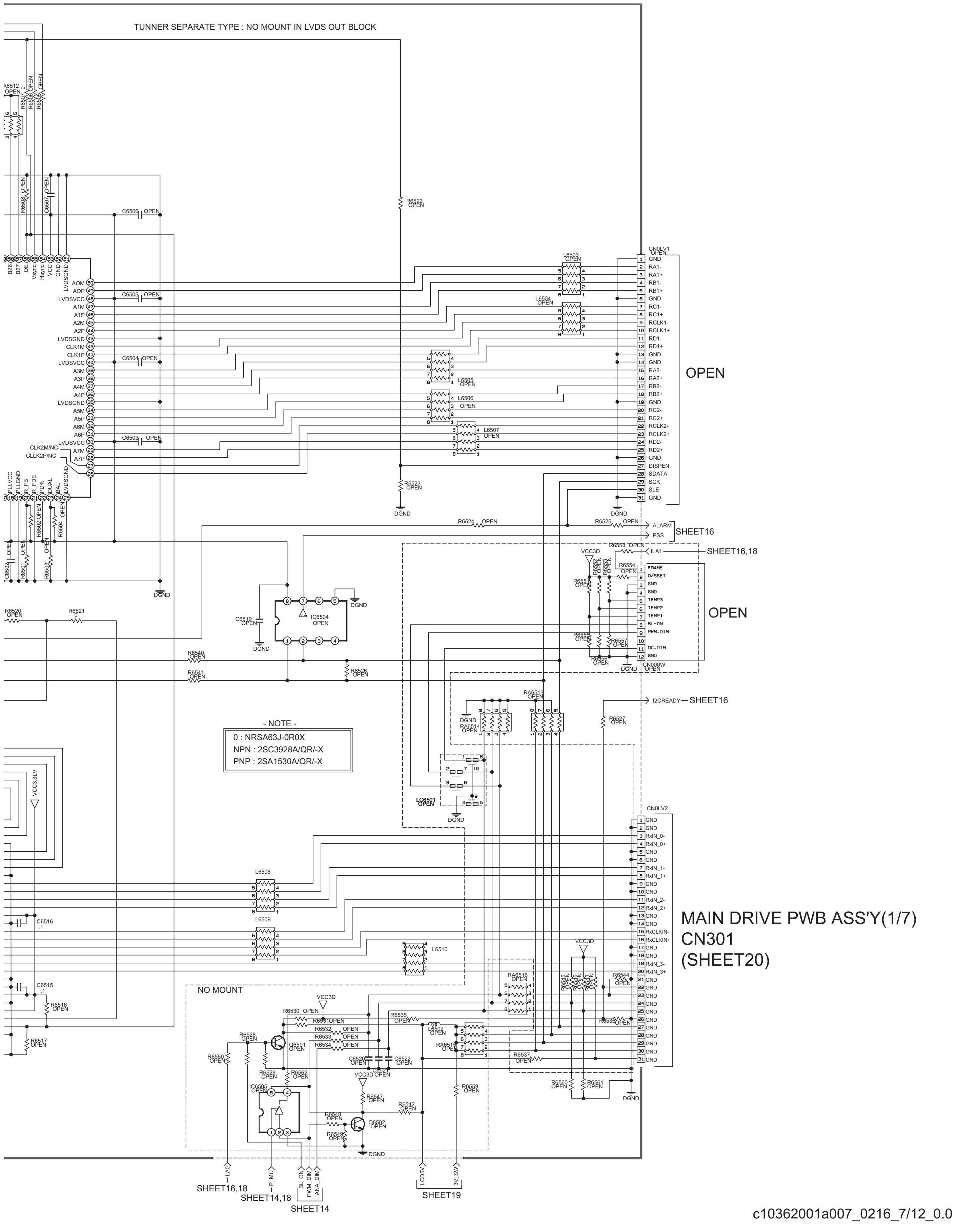
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET15



SHEET14
LV_HS
LV_VS
LV_BLK
SHEET16
PL_SDA
PL_SCL
PL_SLE
PL_PLE
VCC3D
L6501
VCC3.3LV
C6523
10
DGND
RA6509
OPEN
RA6510
OPEN
RA6511
OPEN
RA6512
OPEN
R6507
C6506
OPEN
R6508
OPEN
RA6508
OPEN
IC6501
OPEN
C6509
OPEN
C6510
OPEN
C6501
OPEN
C6502
OPEN
R6501
OPEN
R6520
OPEN
SHEET19
LVR7
LVR6
LVR5
LVR4
LVR3
LVR2
LVR1
LVR0
LVG7
LVG6
LVG5
LVG4
LVG3
LVG2
LVG1
LVG0
LVB7
LVB6
LVB5
LVB4
LVB3
LVB2
LVB1
LVB0
DDB01
DDB00
DDG01
DDG00
DDR01
DDR00
R27
G20
G21
G22
G23
G24
G25
GND
VCC
G26
G27
B20
B21
B22
B23
B24
B25
B26
B27
DE
R26
R25
R24
R23
R22
R21
VCC
GND
R20
B17
B16
B15
B14
B13
B12
B11
B10
G17
G16
G15
G14
VCC
GND
G13
G12
G11
G10
R17
R16
R15
R14
R13
R12
R11
R10
CLKIN
PLLVCC
GND
OPRE
PLLSEL
PLLGND
PLLVCC
PLLGND
R_FB
SHEET14
LV_CK
LVDS CONVERT
IC6502
THC63LVDM83R-W
R6539
OPEN
R6538
0
C6512
.1
C6513
.1
C6514
.1
R6514 100
R6515 100
R6510
1k
R6511
OPEN
R6512
1k
R6513
0
DGND
VCC
R1
R7
G2
GND
G3
G4
G0
VCC
G1
G5
G6
GND
G7
B2
B0
R_FB
B1
B3
B4
GND
B5
B6
B7
RES
VCC
HSYNC
VSYNC
R6
R5
R4
GND
R3
R2
R0
GND
0-
0+
1-
1+
VCC
GND
2-
2+
CLK-
CLK+
3-
3+
GND
GND
VCC
GND
PDWN
DOT_CLK
EN
GND

DIGITAL SIGNAL PWB ASS'Y (7/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]


TUNNER SEPARATE TYPE : NO MOUNT IN LVDS OUT BLOCK
R6522 OPEN
R6523 OPEN
C6506 OPEN
C6505 OPEN
C6504 OPEN
C6503 OPEN
AOM
AOP
LVDSVCC
A1M
A1P
A2M
A2P
LVDSGND
CLK1M
CLK1P
A3M
A3P
A4M
A4P
A5M
A5P
A6M
A6P
CLK2M/NC
CLLK2P/NC
A7M
A7P
B26
B27
DE
Vsync
Hsync
VCC
GND
LVDSGND
PLLVCC
PLLGND
R_FB
R_FDE
PD%
DUAL
BAL
L6503 OPEN
L6504 OPEN
L6505 OPEN
L6506 OPEN
L6507 OPEN
CN0LV1 OPEN
GND
RA1-
RA1+
RB1-
RB1+
RC1-
RC1+
RCLK1-
RCLK1+
RD1-
RD1+
RA2-
RA2+
RB2-
RB2+
RC2-
RC2+
RCLK2-
RCLK2+
RD2-
RD2+
DISPEN
SDATA
SCK
SLE
OPEN
DGND
R6524 OPEN
R6525 OPEN
ALARM
PSS
SHEET16
R6558 OPEN
ILA1
SHEET16,18
VCC3D
R6554 OPEN
R6551 OPEN
R6552 OPEN
R6553 OPEN
FRAME
O/SSET
TEMP3
TEMP2
TEMP1
BL-ON
PWM_DIM
DC_DIM
R6555 OPEN
R6556 OPEN
R6557 OPEN
CN000W OPEN
OPEN
R6520 OPEN
R6521 0
C6519 OPEN
IC6504 OPEN
R6540 OPEN
R6541 OPEN
R6526 OPEN
RA6513 OPEN
RA6514
I2CREADY
SHEET16
R6527 OPEN
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
VCC3.3LV
LC6501 OPEN
CN0LV2
RxIN_0-
RxIN_0+
RxIN_1-
RxIN_1+
RxIN_2-
RxIN_2+
RxCLKIN-
RxCLKIN+
RxIN_3-
RxIN_3+
L6508
L6509
L6510
C6516 .1
C6515 .1
R6516 OPEN
R6517 OPEN
MAIN DRIVE PWB ASS'Y(1/7)
CN301
(SHEET20)
NO MOUNT
RA6516 OPEN
R6544 OPEN
R6536 OPEN
R6530 OPEN
R6531 OPEN
R6532 OPEN
R6533 OPEN
R6534 OPEN
R6535 OPEN
L6502 OPEN
RA6515 OPEN
R6537 OPEN
R6528 OPEN
Q6501 OPEN
R6550 OPEN
R6529 OPEN
R6562 OPEN
C6520 OPEN
C6521 OPEN
C6522 OPEN
IC6505 OPEN
R6547 OPEN
R6542 OPEN
R6548 OPEN
Q6502 OPEN
R6549 OPEN
R6559 OPEN
R6560 OPEN
R6561 OPEN
ILA0
P_MU
BL_ON
PWM_DIM
ANA_DIM
LCD5V
3V_SW
SHEET16,18
SHEET14,18
SHEET14
SHEET19

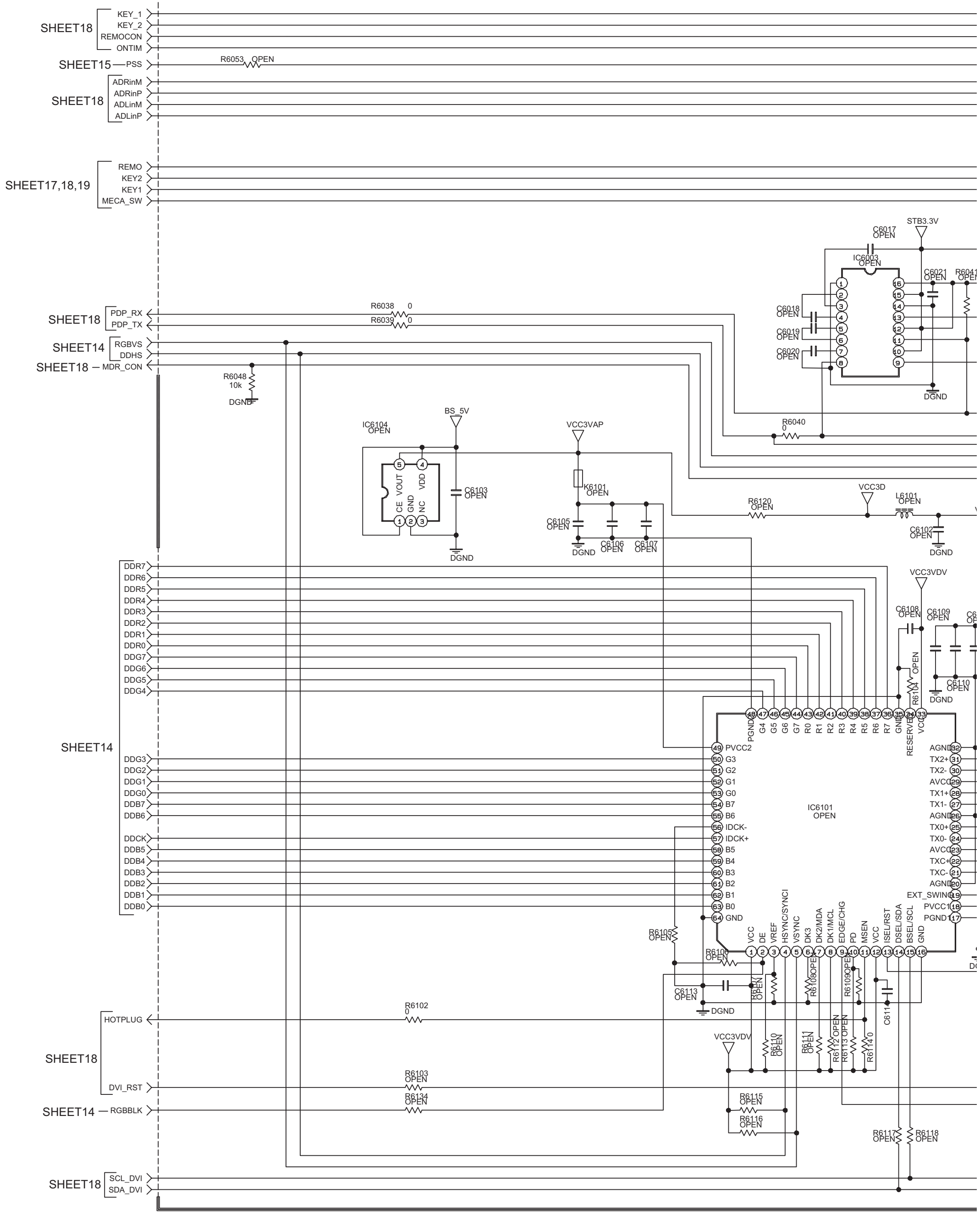
c10362001a007_0216_7/12_0.0

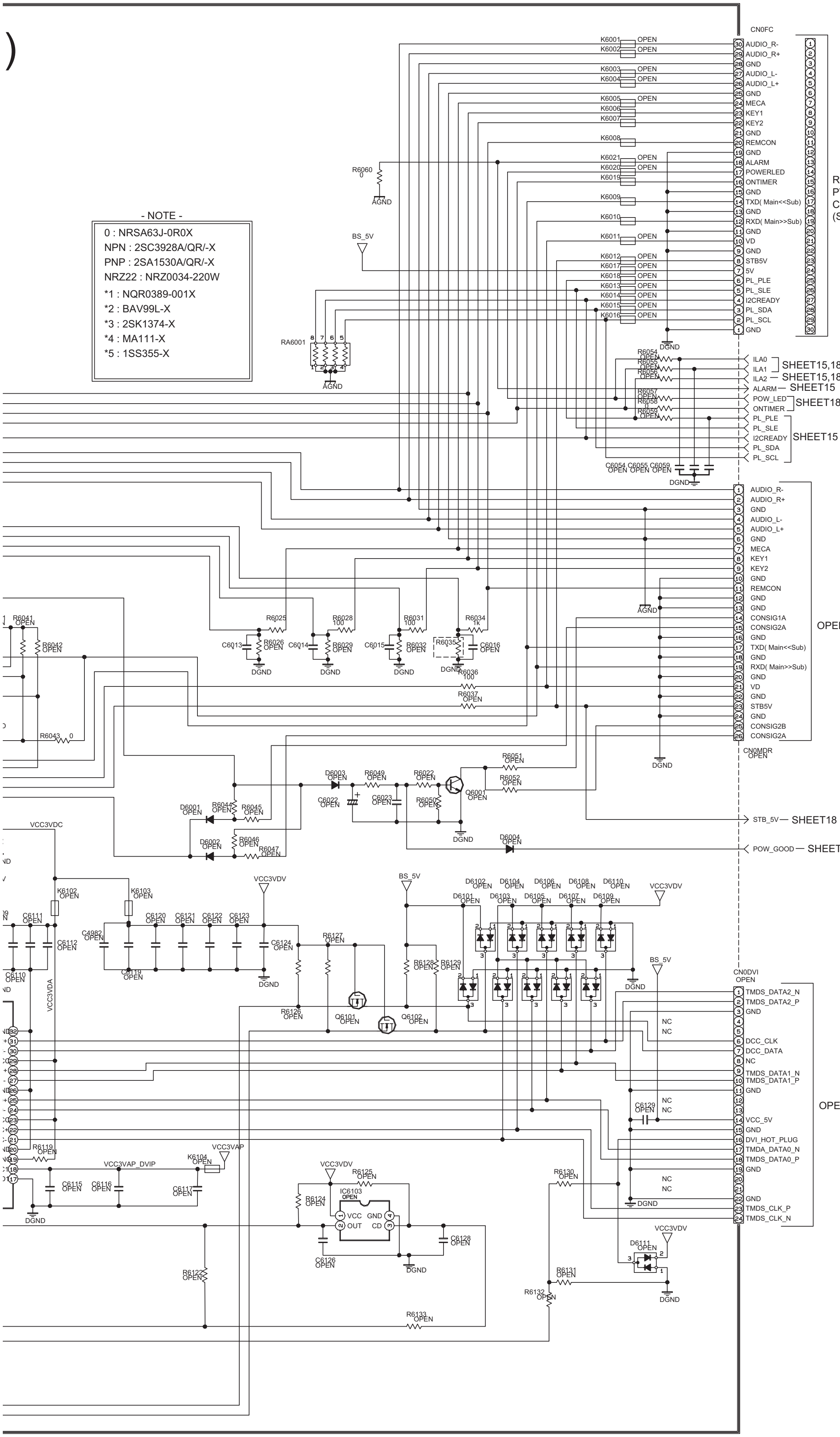
DIGITAL SIGNAL PWB ASS'Y (8/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
C6013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C6014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
C6015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
R6025	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R6035	180k	180k	180k	180k	180k	180k	180k	180k	180k	OPEN	OPEN


SHEET18
KEY_1
KEY_2
REMOCON
ONTIM
SHEET15
PSS
R6053 OPEN
SHEET18
ADRinM
ADRinP
ADLinM
ADLinP
SHEET17,18,19
REMO
KEY2
KEY1
MECA_SW
STB3.3V
C6017 OPEN
IC6003 OPEN
C6021 OPEN
R6041 OPEN
C6018 OPEN
C6019 OPEN
C6020 OPEN
DGND
SHEET18
PDP_RX
PDP_TX
R6038 0
R6039 0
SHEET14
RGBVS
DDHS
SHEET18
MDR_CON
R6048 10k
DGND
R6040 0
IC6104 OPEN
BS_5V
VOUT
VDD
CE
GND
NC
C6103 OPEN
DGND
VCC3VAP
K6101 OPEN
C6105 OPEN
C6106 OPEN
C6107 OPEN
DGND
R6120 OPEN
VCC3D
L6101 OPEN
C6102 OPEN
DGND
VCC3VDV
C6108 OPEN
C6109 OPEN
R6104 OPEN
C6110 OPEN
DGND
SHEET14
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
DDB7
DDB6
DDCK
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
IC6101 OPEN
PGND2
G4
G5
G6
G7
R0
R1
R2
R3
R4
R5
R6
R7
GND
RESERVED
VCC
PVCC2
G3
G2
G1
G0
B7
B6
IDCK-
IDCK+
B5
B4
B3
B2
B1
B0
GND
AGND
TX2+
TX2-
AVCC
TX1+
TX1-
AGND
TX0+
TX0-
AVCC
TXC+
TXC-
AGND
EXT_SWING
PVCC1
PGND1
VCC
DE
VREF
HSYNC/SYNCI
VSYNC
DK3
DK2/MDA
DK1/MCL
EDGE/CHG
PD
MSEN
VCC
ISEL/RST
DSEL/SDA
BSEL/SCL
GND
R6105 OPEN
R6106 OPEN
R6107 OPEN
R6108 OPEN
R6109 OPEN
C6113 OPEN
C6114
DGND
VCC3VDV
R6110 OPEN
R6111 OPEN
R6112 OPEN
R6113 OPEN
R6114 0
SHEET18
HOTPLUG
R6102 0
DVI_RST
R6103 OPEN
SHEET14
RGBBLK
R6134 OPEN
R6115 OPEN
R6116 OPEN
R6117 OPEN
R6118 OPEN
SHEET18
SCL_DVI
SDA_DVI



- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X
CN0FC
AUDIO_R-
AUDIO_R+
GND
AUDIO_L-
AUDIO_L+
MECA
KEY1
KEY2
REMCON
ALARM
POWERLED
ONTIMER
TXD(Main<<Sub)
RXD(Main>>Sub)
VD
STB5V
5V
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
RECEIVER
PWB ASS'Y(1/2)
CN10FC
(SHEET1)
ILA0
ILA1
ILA2
ALARM
POW_LED
ONTIMER
SHEET15,18
SHEET15
SHEET18
CN0MDR
OPEN
CONSIG1A
CONSIG2A
CONSIG2B
STB_5V
POW_GOOD
SHEET12,18,19
BS_5V
VCC3VDV
VCC3VDC
VCC3VDA
VCC3VAP
VCC3VAP_DVIP
AGND
DGND
RA6001
R6060
Q6001
Q6101
Q6102
IC6103
VCC
GND
OUT
CD
D6111
CN0DVI
TMDS_DATA2_N
TMDS_DATA2_P
DCC_CLK
DCC_DATA
NC
TMDS_DATA1_N
TMDS_DATA1_P
VCC_5V
DVI_HOT_PLUG
TMDA_DATA0_N
TMDS_DATA0_P
TMDS_CLK_P
TMDS_CLK_N

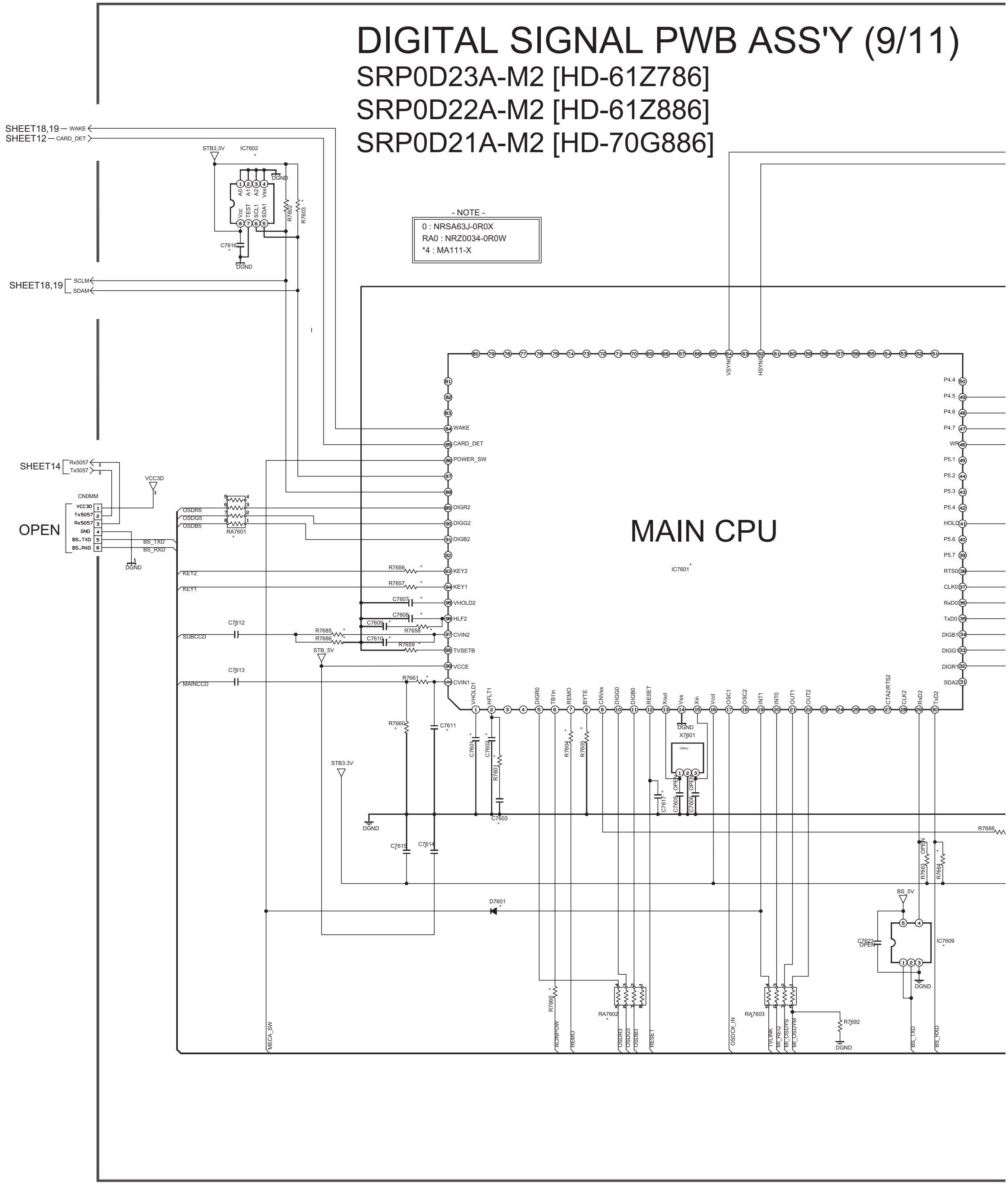
c10362001a006_0216_6/12_0.0

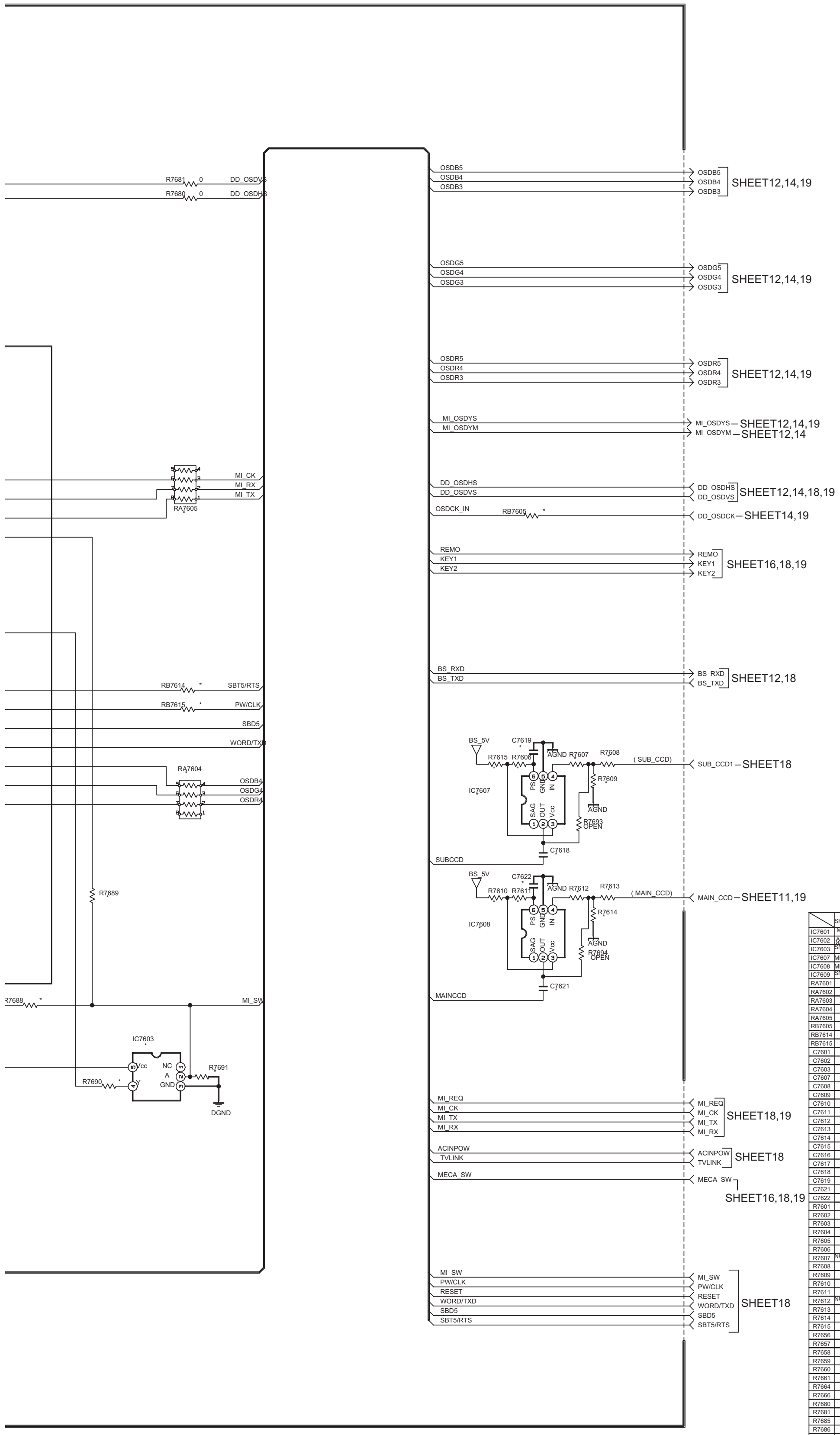
DIGITAL SIGNAL PWB ASS'Y (9/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

- NOTE -

0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
*4 : MA111-X


SHEET18,19 WAKE
SHEET12 CARD_DET
SHEET18,19 SCLM SDAM
SHEET14 Rx5057 Tx5057
OPEN
CN0MM
VCC3D
Tx5057
Rx5057
GND
BS_TXD
BS_RXD
DGND
STB3.3V
IC7602
A0 A1 A2 Vss
Vcc TEST SCL1 SDA1
R7602
R7603
C7616
OSDR5
OSDG5
OSDB5
RA7601
KEY2
KEY1
SUBCCD
MAINCCD
C7612
C7613
R7685
R7686
STB_5V
R7656
R7657
C7607
C7608
C7609
C7610
R7658
R7659
R7661
R7660
C7611
C7615
C7614
MAIN CPU
IC7601
WAKE
CARD_DET
POWER_SW
DIGR2
DIGG2
DIGB2
KEY2
KEY1
VHOLD2
HLF2
CVIN2
TVSETB
VCCE
CVIN1
VSYNC
HSYNC
P4.4
P4.5
P4.6
P4.7
WR
P5.1
P5.2
P5.3
P5.4
HOLD
P5.6
P5.7
RTS0
CLK0
RxD0
TxD0
DIGB1
DIGG1
DIGR1
SDA2
VHOLD1
HFLT1
DIGR0
TB1in
REMO
BYTE
CNVss
DIGG0
DIGB0
RESET
Xout
Vss
Xin
Vcd
OSC1
OSC2
INT1
INT0
OUT1
OUT2
CTA2/RTS2
CLK2
RxD2
TxD2
C7601
C7602
R7601
C7603
R7604
R7605
X7601
C7617
C7605
C7606
OPEN
R7688
R7663
R7664
D7601
BS_5V
C7623
IC7609
R7666
RA7602
RA7603
R7692
MECA_SW
ACINPOW
REMO
OSDR3
OSDG3
OSDB3
RESET
OSDCK_IN
TVLINK
M_OSDYS
M_OSDYM
BS_TXD
BS_RXD


R7681 0
DD_OSDVS
R7680 0
DD_OSDHS
OSDB5
OSDB4
OSDB3
SHEET12,14,19
OSDG5
OSDG4
OSDG3
SHEET12,14,19
OSDR5
OSDR4
OSDR3
SHEET12,14,19
MI_OSDYS
MI_OSDYM
MI_OSDYS SHEET12,14,19
MI_OSDYM SHEET12,14
MI_CK
MI_RX
MI_TX
RA7605
DD_OSDHS
DD_OSDVS
SHEET12,14,18,19
OSDCK_IN
RB7605 *
DD_OSDCK SHEET14,19
REMO
KEY1
KEY2
SHEET16,18,19
BS_RXD
BS_TXD
SHEET12,18
RB7614 *
SBT5/RTS
RB7615 *
PW/CLK
SBD5
WORD/TXD
RA7604
OSDB4
OSDG4
OSDR4
BS_5V
C7619 *
R7615
R7606
AGND
R7607
R7608
(SUB_CCD)
SUB_CCD1 SHEET18
R7609
IC7607
PS
GND
IN
SAG
OUT
Vcc
AGND
R7693
OPEN
C7618
SUBCCD
BS_5V
C7622 *
R7610
R7611
AGND
R7612
R7613
(MAIN_CCD)
MAIN_CCD SHEET11,19
R7614
IC7608
R7694
OPEN
C7621
MAINCCD
R7689
R7688 *
MI_SW
IC7603 *
Vcc
NC
A
GND
Y
R7691
R7690 *
DGND
MI_REQ
MI_CK
MI_TX
MI_RX
SHEET18,19
ACINPOW
TVLINK
SHEET18
MECA_SW
SHEET16,18,19
MI_SW
PW/CLK
RESET
WORD/TXD
SBD5
SBT5/RTS
SHEET18

DIFFERENCE LIST

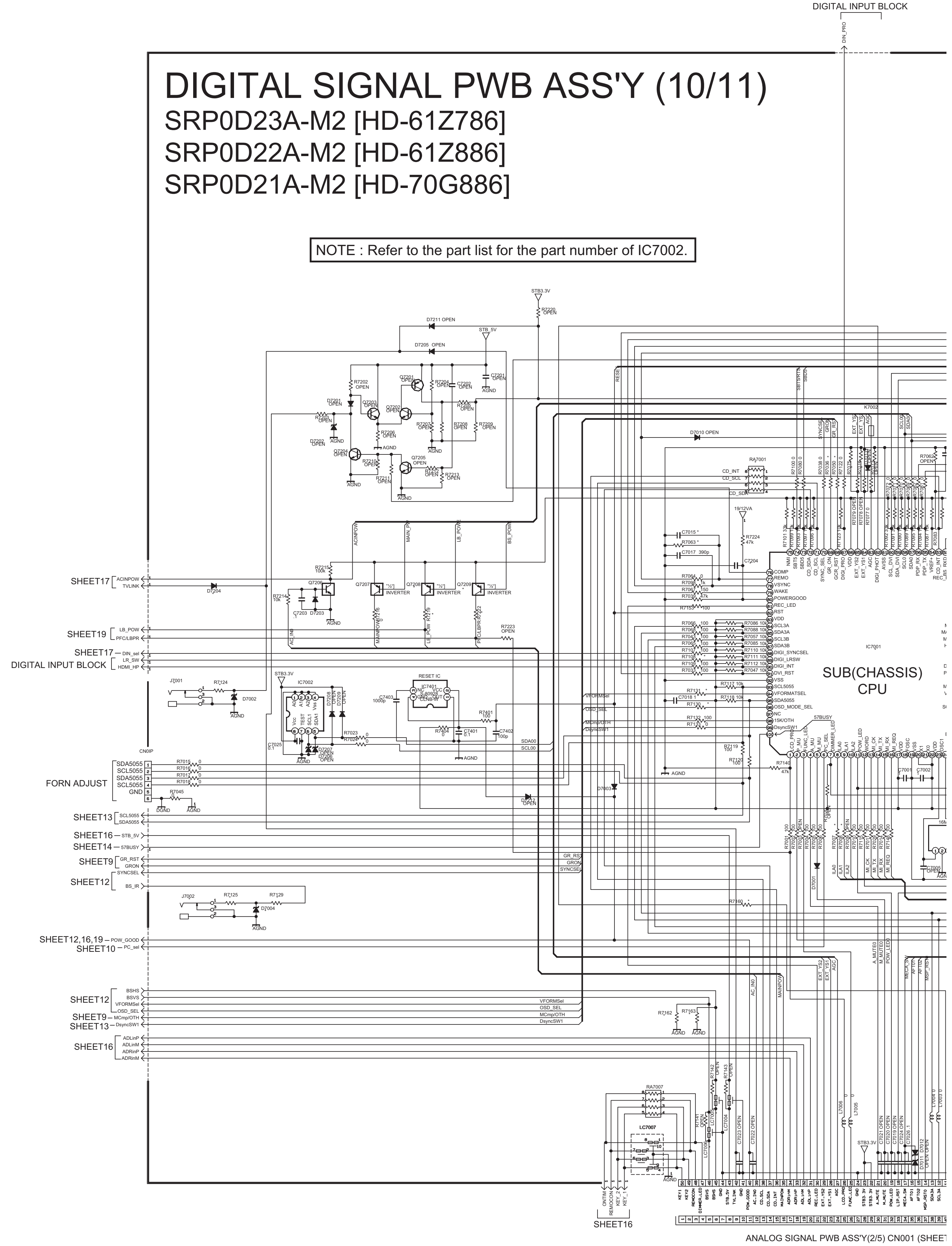
	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
IC7601	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	M306V7FG-119FP	OPEN	OPEN
IC7602	ATF16-71G886	ATF16-61Z786	ATF16-61Z786	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	OPEN	OPEN
IC7603	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	OPEN	OPEN
IC7607	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN
IC7608	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN
IC7609	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	SN74AHCT1G08V-X	OPEN	OPEN
RA7601	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	OPEN	OPEN
RA7602	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	OPEN	OPEN
RA7603	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	OPEN	OPEN
RA7604	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	OPEN	OPEN
RA7605	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	RA0	OPEN	OPEN
RB7605	0	0	0	0	0	0	0	0	0	OPEN	OPEN
RB7614	0	0	0	0	0	0	0	0	0	OPEN	OPEN
RB7615	0	0	0	0	0	0	0	0	0	OPEN	OPEN
C7601	1000p	1000p	1000p	1000p	1000p	1000p	1000p	1000p	1000p	OPEN	OPEN
C7602	220p	220p	220p	220p	220p	220p	220p	220p	220p	OPEN	OPEN
C7603	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	OPEN	OPEN
C7607	1000p	1000p	1000p	1000p	1000p	1000p	1000p	1000p	1000p	OPEN	OPEN
C7608	220p	220p	220p	220p	220p	220p	220p	220p	220p	OPEN	OPEN
C7609	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	2.2/10	OPEN	OPEN
C7610	680p	680p	680p	680p	680p	680p	680p	680p	680p	OPEN	OPEN
C7611	680p	680p	680p	680p	680p	680p	680p	680p	680p	OPEN	OPEN
C7612	0	0	0	0	0	0	0	0	0	OPEN	OPEN
C7613	0	0	0	0	0	0	0	0	0	OPEN	OPEN
C7614	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C7615	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C7616	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	OPEN	OPEN
C7617	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C7618	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	OPEN	OPEN
C7619	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	OPEN	OPEN
C7621	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	OPEN	OPEN
C7622	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	4.7/16	OPEN	OPEN
R7601	1k	1k	1k	1k	1k	1k	1k	1k	1k	OPEN	OPEN
R7602	10k	10k	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN
R7603	10k	10k	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN
R7604	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7605	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7606	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7607	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN
R7608	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R7609	2.7k	2.7k	2.7k	2.7k	2.7k	2.7k	2.7k	2.7k	2.7k	OPEN	OPEN
R7610	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7611	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7612	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN
R7613	4.7k	4.7k	4.7k	4.7k	4.7k	4.7k	4.7k	4.7k	4.7k	OPEN	OPEN
R7614	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	OPEN	OPEN
R7615	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7656	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7657	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7658	1k	1k	1k	1k	1k	1k	1k	1k	1k	OPEN	OPEN
R7659	6.8k	6.8k	6.8k	6.8k	6.8k	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN
R7660	1M	1M	1M	1M	1M	1M	1M	1M	1M	OPEN	OPEN
R7661	470	470	470	470	470	470	470	470	470	OPEN	OPEN
R7664	1k	1k	1k	1k	1k	1k	1k	1k	1k	OPEN	OPEN
R7666	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7680	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7681	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7685	470	470	470	470	470	470	470	470	470	OPEN	OPEN
R7686	1M	1M	1M	1M	1M	1M	1M	1M	1M	OPEN	OPEN
R7688	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7689	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7690	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7691	33k	33k	33k	33k	33k	33k	33k	33k	33k	OPEN	OPEN
R7692	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
D7601	*4	*4	*4	*4	*4	*4	*4	*4	*4	OPEN	OPEN
X7601	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	OPEN	OPEN

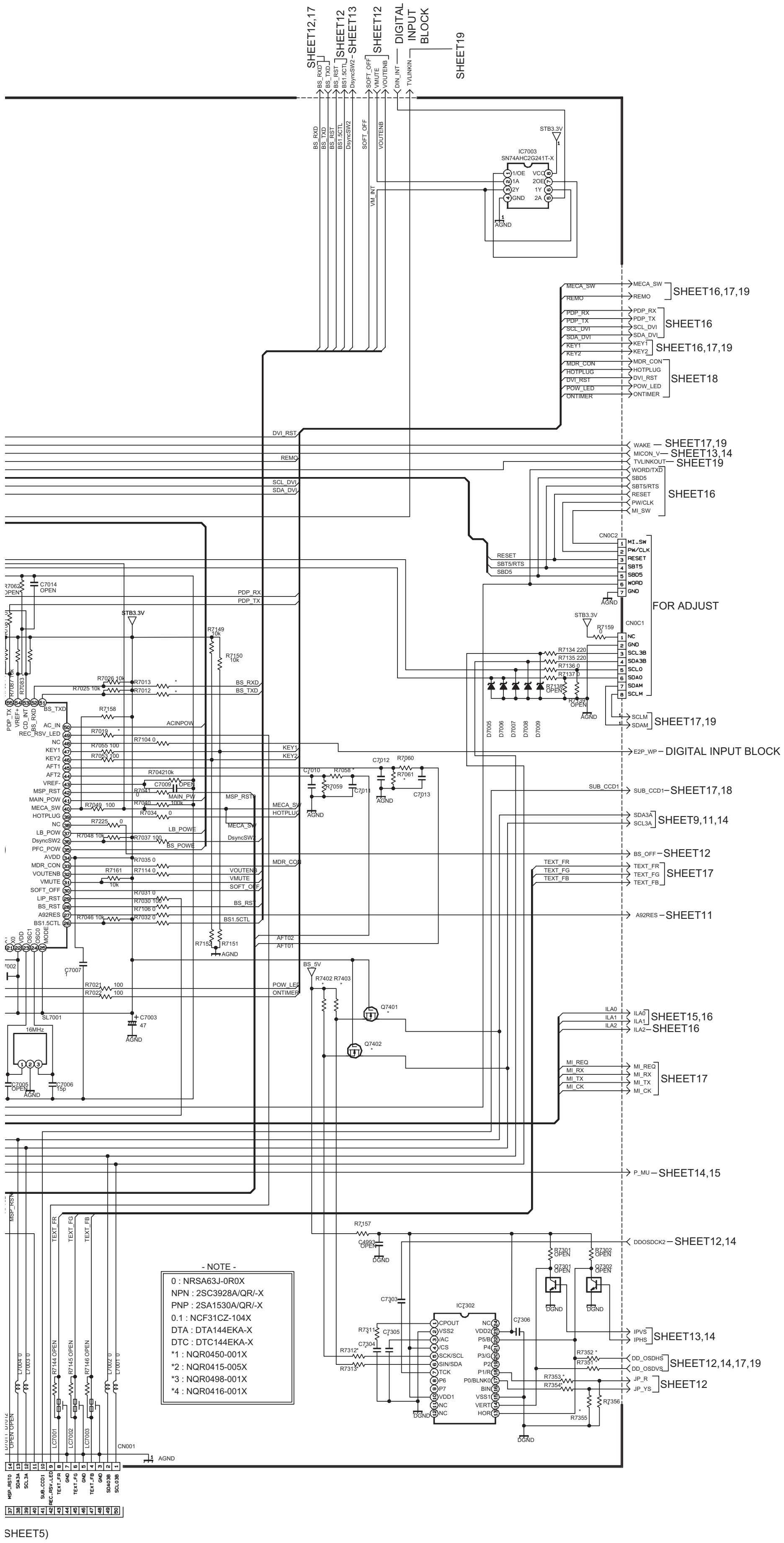
c10362001a005_0216_5/12_0.0

DIGITAL SIGNAL PWB ASS'Y (10/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]

NOTE : Refer to the part list for the part number of IC7002.


DIGITAL INPUT BLOCK
DIN_PRO
STB3.3V
R7220 OPEN
D7211 OPEN
STB_5V
D7205 OPEN
SHEET17
ACINPOW
TVLINK
D7204
SHEET19
LB_POW
PFC/LBPR
DIN_sel
LR_SW
HDMI_HP
DIGITAL INPUT BLOCK
J7001
R7124
D7002
AGND
IC7002
RESET IC
IC7401
S-80928
C7403 1000p
C7025 0.1
R7401 100
C7401 0.1
C7402 100p
SDA00
SCL00
CN0IP
SDA5055
SCL5055
GND
FORN ADJUST
R7015
R7016
R7017
R7018
R7045
DGND
SHEET13
SHEET16
STB_5V
SHEET14
57BUSY
SHEET9
GR_RST
GRON
SYNCSEL
SHEET12
BS_IR
J7002
R7125
R7129
D7004
SHEET12,16,19
POW_GOOD
SHEET10
PC_sel
BSHS
BSVS
VFORMSel
OSD_SEL
MCmp/OTH
DsyncSW1
ADLinP
ADLinM
ADRinP
ADRinM
Q7206
Q7207
Q7208
Q7209
"½" INVERTER
ACINPOW
MAIN_POW
LB_POW
BS_POW
R7215 100k
R7214 10k
R7223 OPEN
AC_IN0
D7010 OPEN
RA7001
CD_INT
CD_SCL
CD_SDA
19/12VA
R7224 47k
C7204
K7002
IC7001
SUB(CHASSIS) CPU
COMP
REMO
VSYNC
WAKE
POWERGOOD
REC_LED
RST
VDD
SCL3A
SDA3A
SCL3B
SDA3B
DIGI_SYNCSEL
DIGI_LRSW
DIGI_INT
DVI_RST
VSS
SCL5055
VFORMATSEL
SDA5055
OSD_MODE_SEL
NC
15K/OTH
DsyncSW1
R7140 47k
D7003
D7001
R7160
R7162
R7163
RA7007
LC7007
STB3.3V
SHEET16
ONTIM
REMOCON
KEY_2
KEY_1
ANALOG SIGNAL PWB ASS'Y(2/5) CN001 (SHEET


SHEET12,17
BS_RXD
BS_TXD
BS_RST
BS1.5CTL
DsyncSW2
SHEET12
SHEET13
SOFT_OFF
VMUTE
VOUTENB
SHEET12
DIN_INT
TVLINKIN
DIGITAL INPUT BLOCK
SHEET19
STB3.3V
IC7003
SN74AHC2G241T-X
1/OE
1A
2Y
GND
VCC
2OE
1Y
2A
AGND
VM_INT
MECA_SW
REMO
SHEET16,17,19
PDP_RX
PDP_TX
SCL_DVI
SDA_DVI
SHEET16
KEY1
KEY2
SHEET16,17,19
MDR_CON
HOTPLUG
DVI_RST
POW_LED
ONTIMER
SHEET18
WAKE
SHEET17,19
MICON_V
SHEET13,14
TVLINKOUT
SHEET19
WORD/TXD
SBD5
SBT5/RTS
RESET
PW/CLK
MI_SW
SHEET16
CN0C2
MI_SW
PW/CLK
RESET
SBT5
SBD5
WORD
GND
FOR ADJUST
CN0C1
NC
GND
SCL3B
SDA3B
SCL0
SDA0
SDAM
SCLM
R7159
R7134 220
R7135 220
R7136 0
R7137 0
R7138 OPEN
R7139 OPEN
D7005
D7006
D7007
D7008
D7009
SCLM
SDAM
SHEET17,19
E2P_WP
DIGITAL INPUT BLOCK
SUB_CCD1
SHEET17,18
SDA3A
SCL3A
SHEET9,11,14
BS_OFF
SHEET12
TEXT_FR
TEXT_FG
TEXT_FB
SHEET17
A92RES
SHEET11
ILA0
ILA1
ILA2
SHEET15,16
SHEET16
MI_REQ
MI_RX
MI_TX
MI_CK
SHEET17
P_MU
SHEET14,15
DDOSDCK2
SHEET12,14
IPVS
IPHS
SHEET13,14
DD_OSDHS
DD_OSDVS
SHEET12,14,17,19
JP_R
JP_YS
SHEET12
C7014 OPEN
R7149 10k
R7150 10k
R7026 10k
R7025 10k
R7013
R7012
R7158
ACINPOW
R7019
R7104 0
R7055 100
R7056 100
R7042 10k
C7009 OPEN
R7041
R7049 100
R7040
R7034
R7225 0
R7048 10k
R7037 100
R7035 0
R7161 10k
R7114 0
R7031 0
R7030 100
R7106 0
R7046 10k
R7032 0
R7152
R7151
AGND
C7007
R7021 100
R7022 100
C7003 47
SL7001
16MHz
C7005 OPEN
C7006 15p
AC_IN
REC_RSV_LED
NC
KEY1
KEY2
AFT1
AFT2
VREF-
MSP_RST
MAIN_POW
MECA_SW
HOTPLUG
NC
LB_POW
DsyncSW2
PFC_POW
AVDD
MDR_CON
VOUTENB
VMUTE
SOFT_OFF
LIP_RST
BS_RST
A92RES
BS1.5CTL
PDP_TX
VREF+
CD_INT
BS_RXD
BS_TXD
OSC1
OSC2
MODE
C7010
R7058
R7059
C7011
C7012
R7060
R7061
C7013
AFT02
AFT01
BS_5V
R7402
R7403
Q7401
Q7402
POW_LED
ONTIMER
R7157
C4990 OPEN
DGND
C7303
IC7302
CPOUT
VSS2
/AC
/CS
SCK/SCL
SIN/SDA
TCK
P6
P7
VDD1
NC
NC
NC
VDD2
P5/B
P4
P3/G
P2
P1/R
P0/BLNK0
BIN
VSS1
VERT
HOR
C7306
R7311
C7305
C7304
R7312
R7313
R7301 OPEN
R7302 OPEN
Q7301 OPEN
Q7302 OPEN
R7352
R7351
R7353
R7354
R7355
R7356
L7004 0
R7144 OPEN
R7145 OPEN
R7146 OPEN
L7002 0
L7001 0
LC7001
LC7002
LC7003
CN001
AGND
MSP_RST
SDA3A
SCL3A
SUB_CCD1
REC_RSV_LED
TEXT_FR
GND
TEXT_FG
GND
TEXT_FB
GND
SDA03B
SCL03B
SHEET5)

- NOTE -

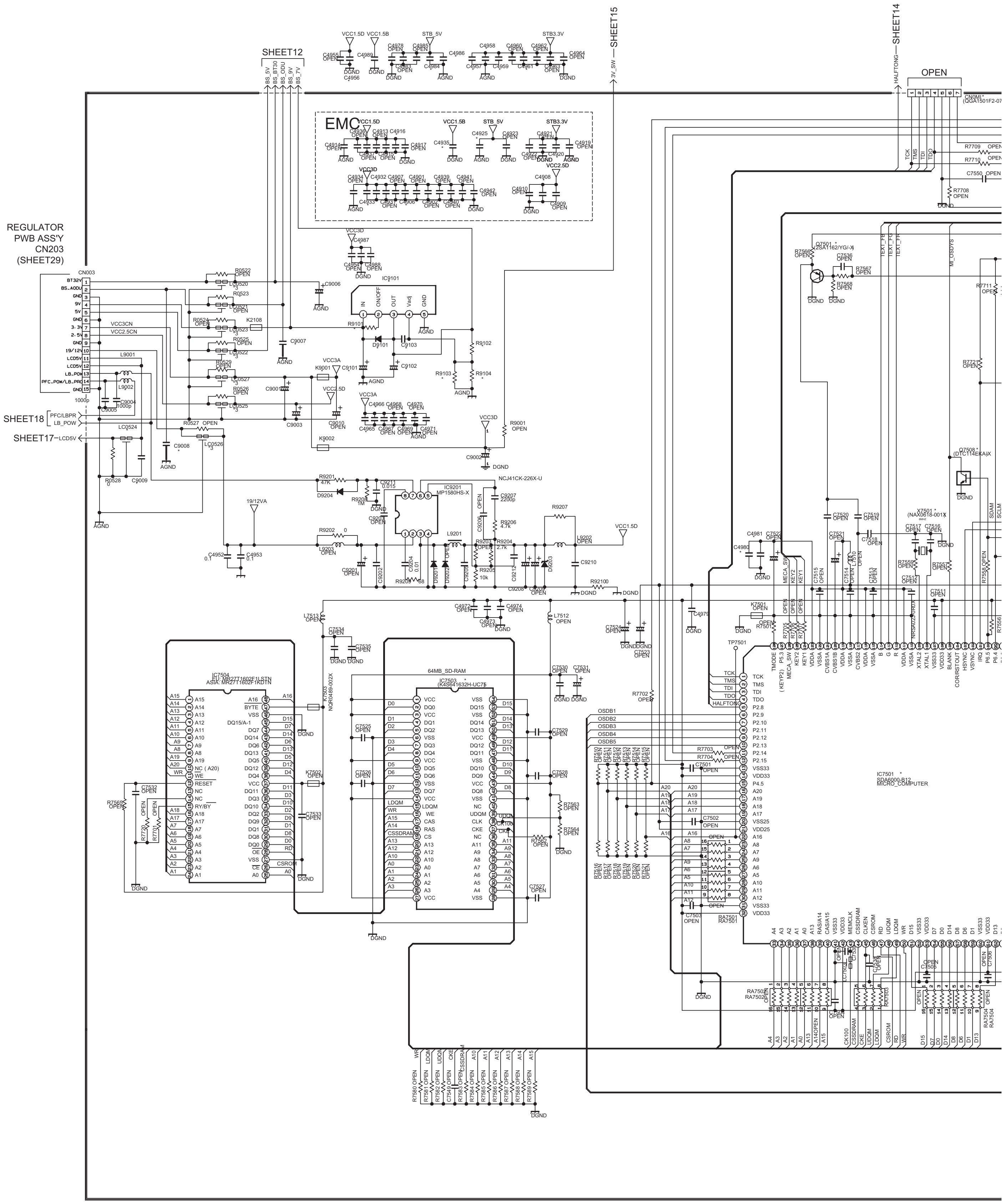
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X

DIFFERENCE LIST

	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
IC7001	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KPF	MN102HF60KJH	MN102HF60KJH
RA7001	NRZ0040-101X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0040-101X	NRZ0040-101X
C7010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01/50	0.01/50
C7011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01/50	0.01/50
C7012	0.015/50	0.015/50	0.015/50	0.015/50	0.015/50	0.015/50	0.015/50	0.015/50	0.015/50	1/10	1/10
C7013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01/50	0.01/50
C7015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p	1000p
R7036	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7050	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7058	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R7059	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7060	22k	22k	22k	22k	22k	22k	22k	22k	22k	33k	33k
R7061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	150k	150k
R7074	0	0	0	0	0	0	0	0	0	10k	10k
R7075	0	0	0	0	0	0	0	0	0	10k	10k
R7083	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R7108	1k	1k	1k	1k	1k	1k	1k	1k	1k	100	100
R7130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
C7303	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p	1000p
C7304	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01/16	0.01/16
C7305	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10
C7306	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
IC7302	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	M35075-055FP-X	M35075-055FP-X
R7311	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k
R7312	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R7313	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R7351	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R7352	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22
R7353	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k
R7354	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k
R7355	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k
R7356	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k
Q7401	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X
Q7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X
R7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R7403	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R7007	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R7008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100
R7012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7019	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7157	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
C7204	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	OPEN	OPEN
Q7208	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	UN2113-X	UN2113-X
Q7209	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	UN2113-X	UN2113-X
R7219	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7222	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
LC7005	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0470-001X	NQR0470-001X
LC7006	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0470-001X	NQR0470-001X
R7162	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R7163	0	0	0	0	0	0	0	0	0	OPEN	OPEN
D7004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA8082/M/-X	MA8082/M/-X
D7204	MA111-X	MA111-X	MA111-X	MA111-X	MA111-X	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
J7001	QNS0001-001	QNS0001-001	QNS0001-001	QNS0001-001	QNS0001-001	QNS0001-001	QNS0001-001	QNS0001-001	QNS0001-001	OPEN	OPEN
J7002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QNS0001-001	QNS0001-001
R7063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	150k	150k
R7124	100	100	100	100	100	100	100	100	100	OPEN	OPEN
R7125	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R7129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47
R7158	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R7160	100	100	100	100	100	100	100	100	100	0	0

c10362001a011_0216_11/12_0.0

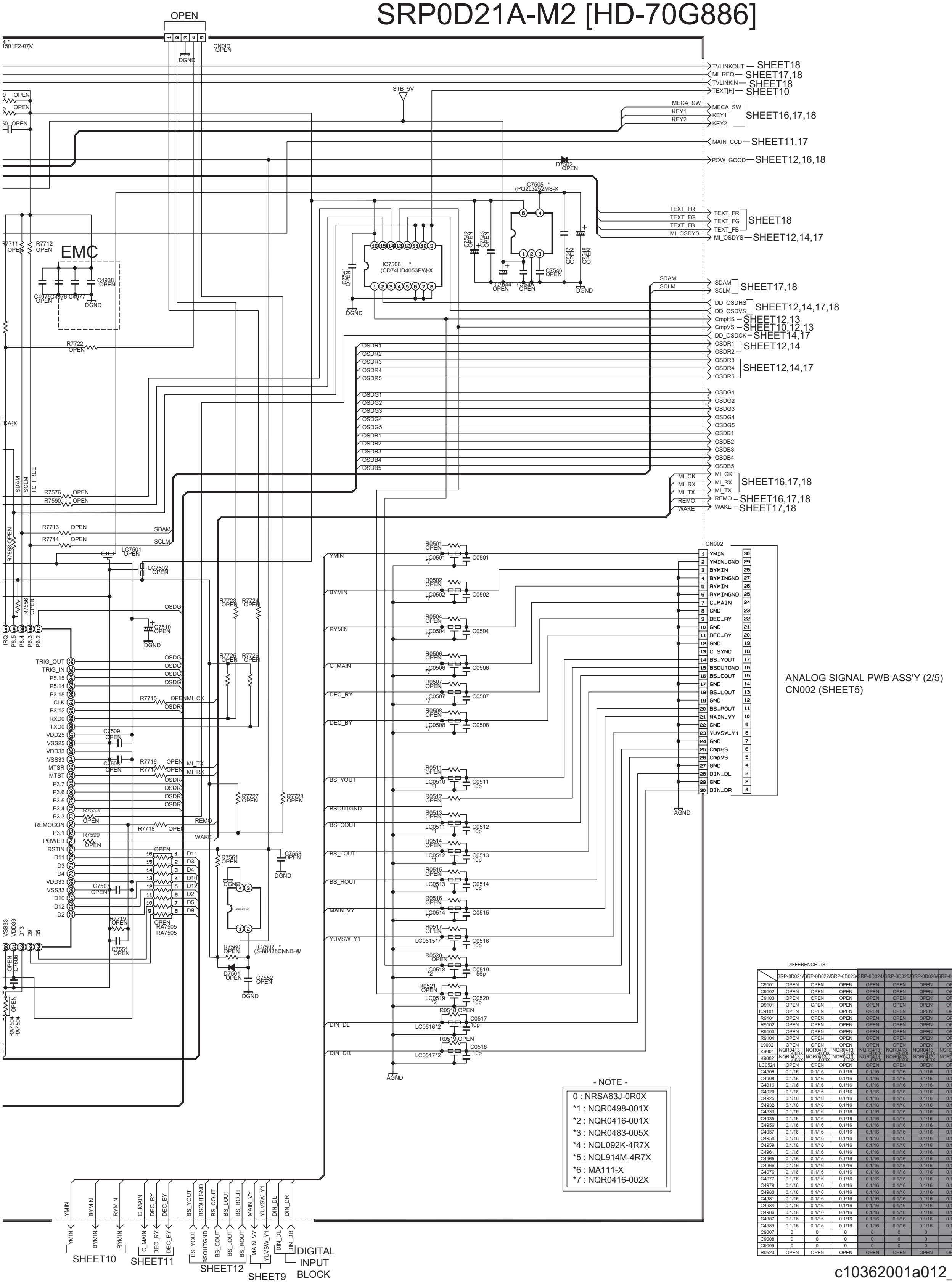
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET19



SHEET12
SHEET15
SHEET14
OPEN
EMC
REGULATOR
PWB ASS'Y
CN203
(SHEET29)
CN003
SHEET18
SHEET17
PFC/LBPR
LB_POW
LCD5V
IC9101
IC9201
MP1580HS-X
NCJ41CK-226X-U
IC7504
EU: MR27T1602F1LSTN
ASIA: MR27T1602F1KDTN
IC7503
64MB_SD-RAM
(K4S641632H-UC75)
IC7501
SDA6000-B12
MICRO_COMPUTER
Q7501
Q7508
(DTC114EKA)-X
X7501
TP7501
VCC1.5D
VCC1.5B
STB_5V
STB3.3V
VCC3D
VCC2.5D
VCC3A
19/12VA
AGND
DGND

DIGITAL SIGNAL PWB ASS'Y (11/11)

SRP0D23A-M2 [HD-61Z786]
SRP0D22A-M2 [HD-61Z886]
SRP0D21A-M2 [HD-70G886]


OPEN
TVLINKOUT — SHEET18
MI_REQ — SHEET17,18
TVLINKIN — SHEET18
TEXT[H] — SHEET10
MECA_SW
KEY1
KEY2
SHEET16,17,18
MAIN_CCD — SHEET11,17
POW_GOOD — SHEET12,16,18
STB_5V
IC7505 (PQ2L3252MS-X)
IC7506 (CD74HD4053PW-X)
TEXT_FR
TEXT_FG
TEXT_FB
SHEET18
MI_OSDYS — SHEET12,14,17
EMC
SDAM
SCLM
SHEET17,18
DD_OSDHS
DD_OSDVS
SHEET12,14,17,18
CmpHS — SHEET12,13
CmpVS — SHEET10,12,13
DD_OSDCK — SHEET14,17
OSDR1
OSDR2
SHEET12,14
OSDR3
OSDR4
OSDR5
SHEET12,14,17
OSDG1
OSDG2
OSDG3
OSDG4
OSDG5
OSDB1
OSDB2
OSDB3
OSDB4
OSDB5
MI_CK
MI_RX
MI_TX
SHEET16,17,18
REMO — SHEET16,17,18
WAKE — SHEET17,18
CN002
ANALOG SIGNAL PWB ASS'Y (2/5)
CN002 (SHEET5)
IC7502 (S-80828CNNB-W)
YMIN
BYMIN
RYMIN
C_MAIN
DEC_RY
DEC_BY
BS_YOUT
BSOUTGND
BS_COUT
BS_LOUT
BS_ROUT
MAIN_VY
YUVSW_Y1
DIN_DL
DIN_DR
SHEET10
SHEET11
SHEET12
SHEET9
DIGITAL INPUT BLOCK
AGND
DGND

- NOTE -

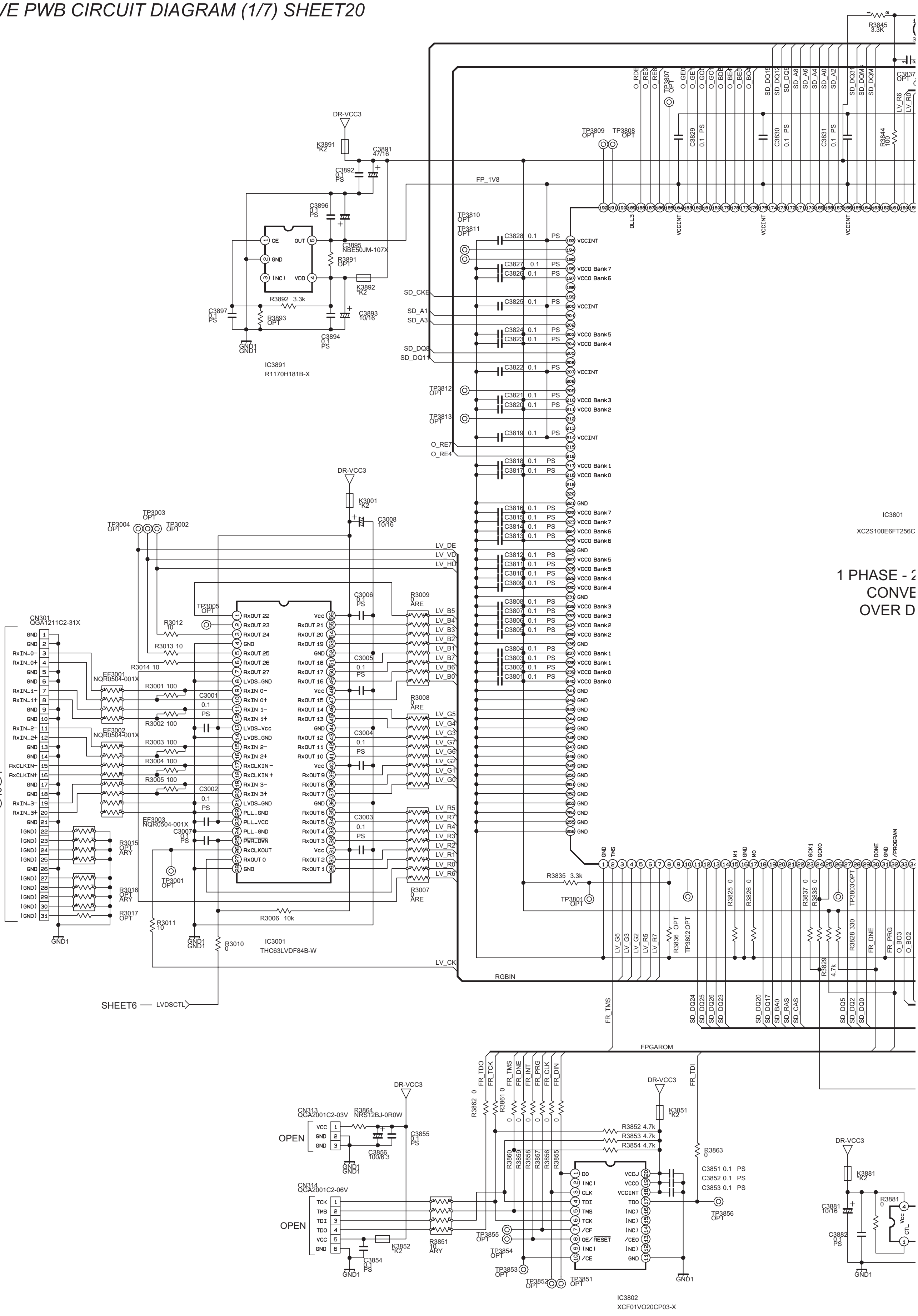
0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X
*7 : NQR0416-002X

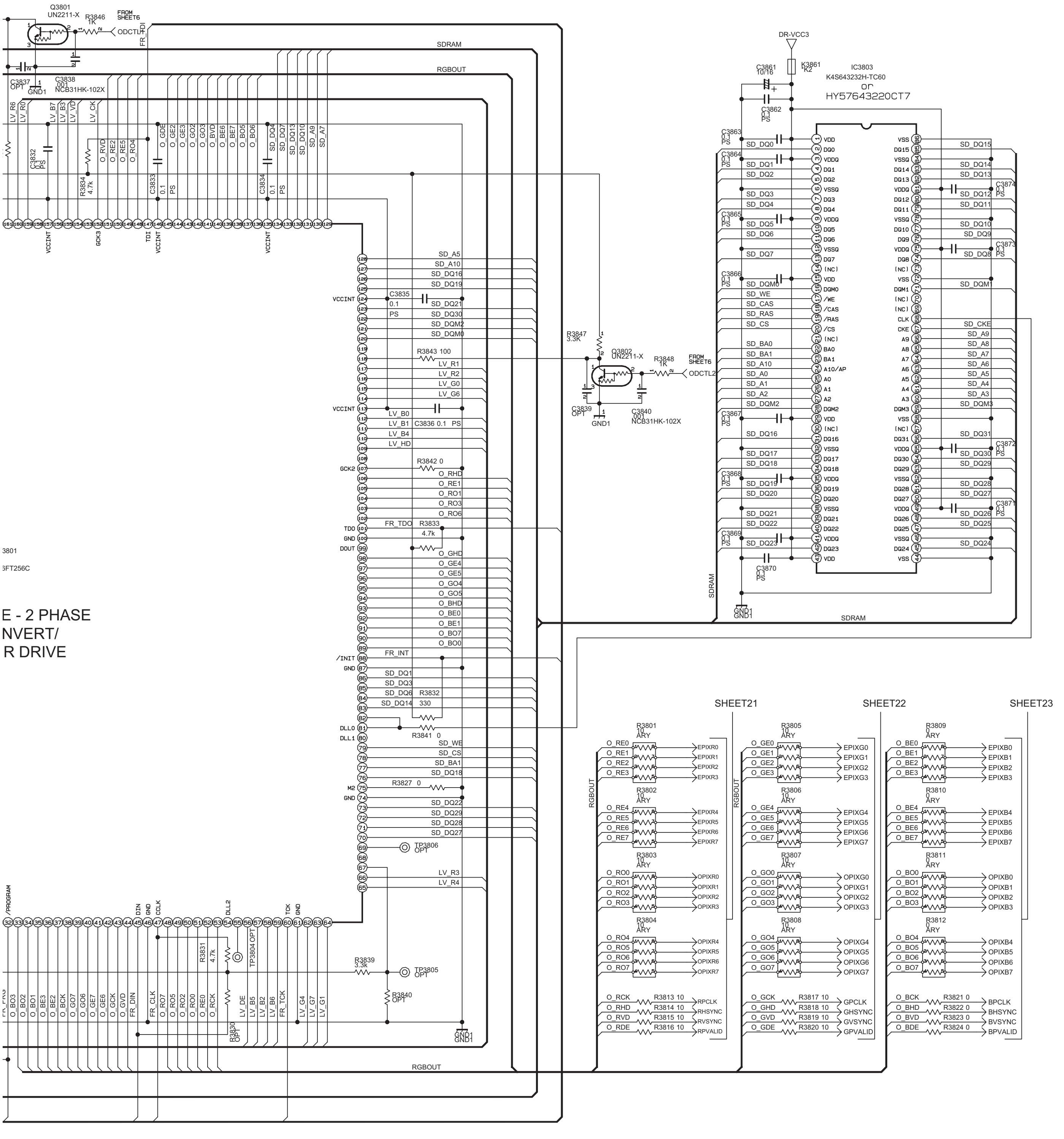
DIFFERENCE LIST

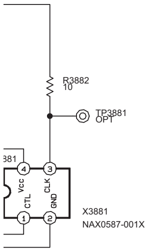
	SRP-0D021A	SRP-0D022A	SRP-0D023A	SRP-0D024A	SRP-0D025A	SRP-0D026A	SRP-0D027A	SRP-0D028A	SRP-0D029A	SRP-0D030A	SRP-0D031A
C9101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NEHM1CM-476X	NEHM1CM-476X
C9102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NEHM1CM-476X	NEHM1CM-476X
C9103	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16
D9101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	D1FS4-X	D1FS4-X
IC9101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	PQ20WZ11-X	PQ20WZ11-X
R9101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k
R9102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	4.7k	4.7k
R9103	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	18k	18k
R9104	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	3.3k	3.3k
L9002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X
K9001	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NRSA02J-0R0X	NRSA02J-0R0X
K9002	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NQR0413-003X	NRSA02J-0R0X	NRSA02J-0R0X
LC0524	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*3	*3
C4906	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4908	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4916	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4920	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4925	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4932	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4933	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4935	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4956	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4957	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4958	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4959	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4961	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4965	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4966	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4976	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4977	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4979	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4980	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4981	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4984	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4986	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4987	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C4989	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN
C9007	0	0	0	0	0	0	0	0	0	OPEN	OPEN
C9008	0	0	0	0	0	0	0	0	0	OPEN	OPEN
C9009	0	0	0	0	0	0	0	0	0	OPEN	OPEN
R0523	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

c10362001a012_0216_12/12_0.0

MAIN DRIVE PWB CIRCUIT DIAGRAM (1/7) SHEET20


R3845 3.3K
DR-VCC3
K3891 K2
C3891 47/16
C3892 0.1 PS
C3896 0.1 PS
C3895 NBE50JM-107X
R3891 OPT
K3892 K2
R3892 3.3k
C3897 0.1 PS
R3893 OPT
C3894 0.1 PS
C3893 10/16
GND1
IC3891
R1170H181B-X
CE
OUT
GND
(NC)
VDD
FP_1V8
TP3809 OPT
TP3808 OPT
TP3807 OPT
C3829 0.1 PS
C3830 0.1 PS
C3831 0.1 PS
R3844 100
C3837 OPT
TP3810 OPT
TP3811 OPT
TP3812 OPT
TP3813 OPT
SD_CKE
SD_A1
SD_A3
SD_DQ8
SD_DQ11
O_RE7
O_RE4
VCCINT
VCCO Bank0
VCCO Bank1
VCCO Bank2
VCCO Bank3
VCCO Bank4
VCCO Bank5
VCCO Bank6
VCCO Bank7
GND
IC3801
XC2S100E6FT256C
1 PHASE - 2
CONVE
OVER D
DR-VCC3
K3001 K2
C3008 10/16
TP3003 OPT
TP3004 OPT
TP3002 OPT
TP3005 OPT
LV_DE
LV_VD
LV_HD
LV_B5
LV_B4
LV_B3
LV_B2
LV_B1
LV_B7
LV_B6
LV_B0
LV_G5
LV_G4
LV_G3
LV_G7
LV_G6
LV_G2
LV_G1
LV_G0
LV_R5
LV_R7
LV_R4
LV_R3
LV_R2
LV_R1
LV_R0
LV_R6
LV_CK
RGBIN
C3006 0.1 PS
C3005 0.1 PS
C3004 0.1 PS
C3003 0.1 PS
R3009 0 ARE
R3008 0 ARE
R3007 0 ARE
CN301
QGA1211C2-31X
R3012 10
R3013 10
R3014 10
EF3001 NQR0504-001X
EF3002 NQR0504-001X
EF3003 NQR0504-001X
R3001 100
R3002 100
R3003 100
R3004 100
R3005 100
C3001 0.1 PS
C3002 0.1 PS
C3007 0.1 PS
R3015 OPT ARY
R3016 OPT ARY
R3017 OPT
TP3001 OPT
R3006 10k
R3011 10
R3010 0
IC3001
THC63LVDF84B-W
DIGITALSIGNAL
PWB ASSY(7/11)
CN0LV2
(SHEET15)
GND1
SHEET6
LVDSCTL
R3835 3.3k
TP3801 OPT
R3836 OPT
TP3802 OPT
R3825 0
R3826 0
R3837 0
R3838 0
TP3803 OPT
R3828 330
R3829 4.7k
FR_DNE
FR_PRG
O_BO3
O_BO2
FR_TMS
FPGAROM
FR_TDO
FR_TCK
FR_TMS
FR_DNE
FR_INT
FR_PRG
FR_CLK
FR_DIN
FR_TDI
R3862 0
R3861 0
R3860
R3859
R3858
R3857
R3856
R3855
DR-VCC3
CN313
QGA2001C2-03V
R3864
NRS12BJ-0R0W
C3855 0.1 PS
C3856 100/6.3
OPEN
CN314
QGA2001C2-06V
R3851 10 ARY
K3852 K2
C3854 0.1 PS
TP3855 OPT
TP3854 OPT
TP3853 OPT
TP3852 OPT
TP3851 OPT
K3851 K2
R3852 4.7k
R3853 4.7k
R3854 4.7k
R3863 0
C3851 0.1 PS
C3852 0.1 PS
C3853 0.1 PS
TP3856 OPT
IC3802
XCF01VO20CP03-X
DR-VCC3
K3881 K2
C3881 10/16
R3881 0
C3882 0.1 PS
GND1


Q3801
UN2211-X
R3846
1K
FROM SHEET6
ODCTL1
FR_TDI
SDRAM
RGBOUT
C3837
OPT
GND1
C3838
.001
NCB31HK-102X
C3832
0.1
PS
R3834
4.7k
C3833
0.1
PS
C3834
0.1
PS
VCCINT
GCK3
TDI
SD_A5
SD_A10
SD_DQ16
SD_DQ19
C3835
0.1
PS
SD_DQ21
SD_DQ30
SD_DQM2
SD_DQM0
R3843 100
LV_R1
LV_R2
LV_G0
LV_G6
LV_B0
LV_B1
C3836 0.1 PS
LV_B4
LV_HD
R3842 0
GCK2
O_RHD
O_RE1
O_RO1
O_RO3
O_RO6
TDO
FR_TDO
R3833
4.7k
GND
DOUT
O_GHD
O_GE4
O_GE5
O_GO4
O_GO5
O_BHD
O_BE0
O_BE1
O_BO7
O_BO0
3801
3FT256C
E - 2 PHASE
NVERT/
R DRIVE
FR_INT
/INIT
SD_DQ1
SD_DQ3
SD_DQ6
R3832
330
SD_DQ14
DLL0
DLL1
R3841 0
SD_WE
SD_CS
SD_BA1
SD_DQ18
M2
R3827 0
SD_DQ22
SD_DQ29
SD_DQ28
SD_DQ27
TP3806
OPT
LV_R3
LV_R4
/PROGRAM
DIN
CCLK
DLL2
TCK
R3831
4.7k
TP3804 OPT
R3839
3.3k
TP3805
OPT
R3840
OPT
R3830
OPT
GND1
DR-VCC3
C3861
10/16
K3861
K2
IC3803
K4S643232H-TC60
or
HY57643220CT7
C3862
0.1
PS
R3847
3.3K
Q3802
UN2211-X
R3848
1K
FROM SHEET6
ODCTL2
C3839
OPT
C3840
.001
NCB31HK-102X
VDD
DQ0
VDDQ
DQ1
DQ2
VSSQ
DQ3
DQ4
DQ5
DQ6
DQ7
(NC)
DQM0
/WE
/CAS
/RAS
/CS
BA0
BA1
A10/AP
A0
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
VSS
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
DQM1
CLK
CKE
A9
A8
A7
A6
A5
A4
A3
DQM3
DQ31
DQ30
DQ29
DQ28
DQ27
DQ26
DQ25
DQ24
C3863
C3864
C3865
C3866
C3867
C3868
C3869
C3870
C3871
C3872
C3873
C3874
SD_CKE
SHEET21
SHEET22
SHEET23
R3801 10 ARY
R3802 10 ARY
R3803 10 ARY
R3804 10 ARY
R3805 10 ARY
R3806 10 ARY
R3807 10 ARY
R3808 10 ARY
R3809 0 ARY
R3810 0 ARY
R3811 0 ARY
R3812 0 ARY
EPIXR0
EPIXR1
EPIXR2
EPIXR3
EPIXR4
EPIXR5
EPIXR6
EPIXR7
OPIXR0
OPIXR1
OPIXR2
OPIXR3
OPIXR4
OPIXR5
OPIXR6
OPIXR7
EPIXG0
EPIXG1
EPIXG2
EPIXG3
EPIXG4
EPIXG5
EPIXG6
EPIXG7
OPIXG0
OPIXG1
OPIXG2
OPIXG3
OPIXG4
OPIXG5
OPIXG6
OPIXG7
EPIXB0
EPIXB1
EPIXB2
EPIXB3
EPIXB4
EPIXB5
EPIXB6
EPIXB7
OPIXB0
OPIXB1
OPIXB2
OPIXB3
OPIXB4
OPIXB5
OPIXB6
OPIXB7
R3813 10
R3814 10
R3815 10
R3816 10
RPCLK
RHSYNC
RVSYNC
RPVALID
R3817 10
R3818 10
R3819 10
R3820 10
GPCLK
GHSYNC
GVSYNC
GPVALID
R3821 0
R3822 0
R3823 0
R3824 0
BPCLK
BHSYNC
BVSYNC
BPVALID


R3882
10
TP3881
OPT
3881
Vcc
CTL
CLK
GND
X3881
NAX0587-001X

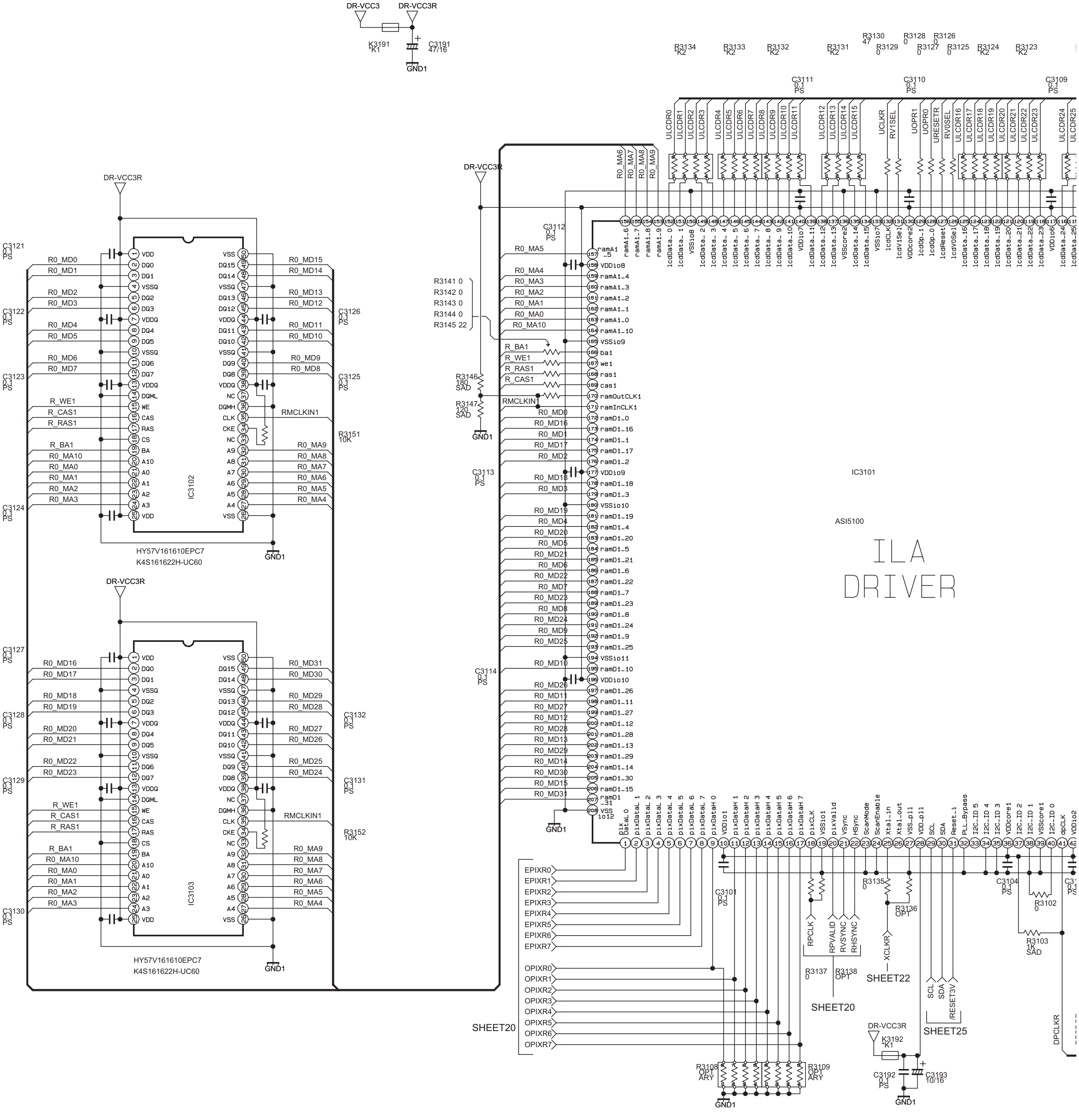
MAIN DRIVE PWB ASS'Y (1/7)

SRP-3006A-M2 [HD-61Z786, HD-61Z886]

SRP-3010A-M2 [HD-70G886]

c10329001a001_0120_1/7_0.0

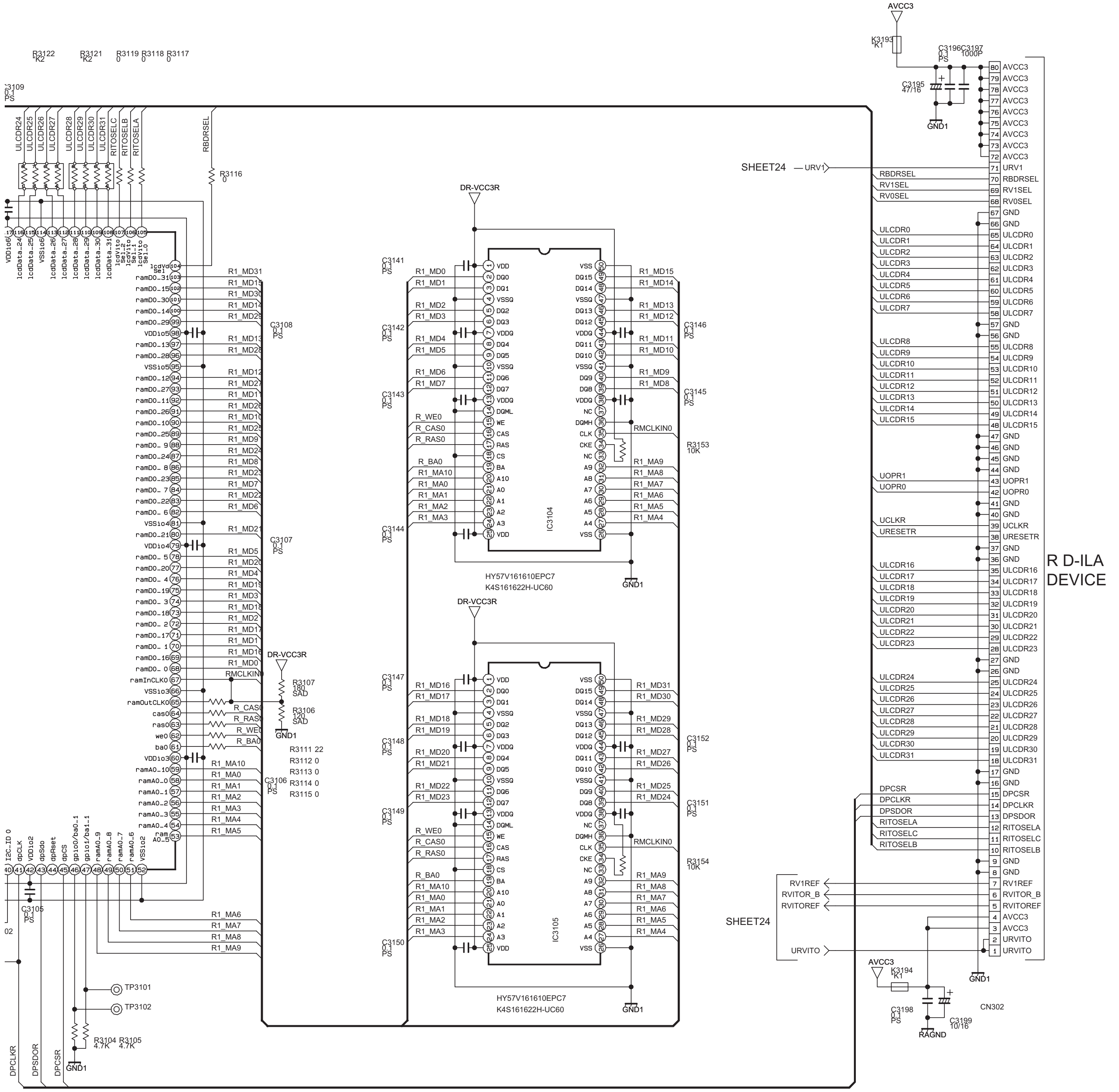
MAIN DRIVE PWB CIRCUIT DIAGRAM (2/7) SHEET21


DR-VCC3
DR-VCC3R
K3191
K1
C3191
47/16
GND1
IC3101
ASI5100
ILA
DRIVER
IC3102
IC3103
HY57V161610EPC7
K4S161622H-UC60
R3141 0
R3142 0
R3143 0
R3144 0
R3145 22
R3146
180
SAD
R3147
120
SAD
RMCLKIN1
R3151
10K
R3152
10K
C3121
C3122
C3123
C3124
C3125
C3126
C3127
C3128
C3129
C3130
C3131
C3132
C3109
C3110
C3111
C3112
C3113
C3114
C3101
C3104
0.1
PS
R3134
R3133
R3132
R3131
R3130
R3129
R3128
R3127
R3126
R3125
R3124
R3123
K2
R_BA1
R_WE1
R_RAS1
R_CAS1
EPIXR0
EPIXR1
EPIXR2
EPIXR3
EPIXR4
EPIXR5
EPIXR6
EPIXR7
OPIXR0
OPIXR1
OPIXR2
OPIXR3
OPIXR4
OPIXR5
OPIXR6
OPIXR7
SHEET20
SHEET22
SHEET25
RPCLK
RPVALID
RVSYNC
RHSYNC
XCLKR
SCL
SDA
/RESET3V
DPCLKR
R3135
R3136
OPT
R3137
R3138
R3102
R3103
1K
SAD
R3108
R3109
OPT
ARY
K3192
C3192
C3193
10/16

MAIN DRIVE PWB ASS'Y (2/7)

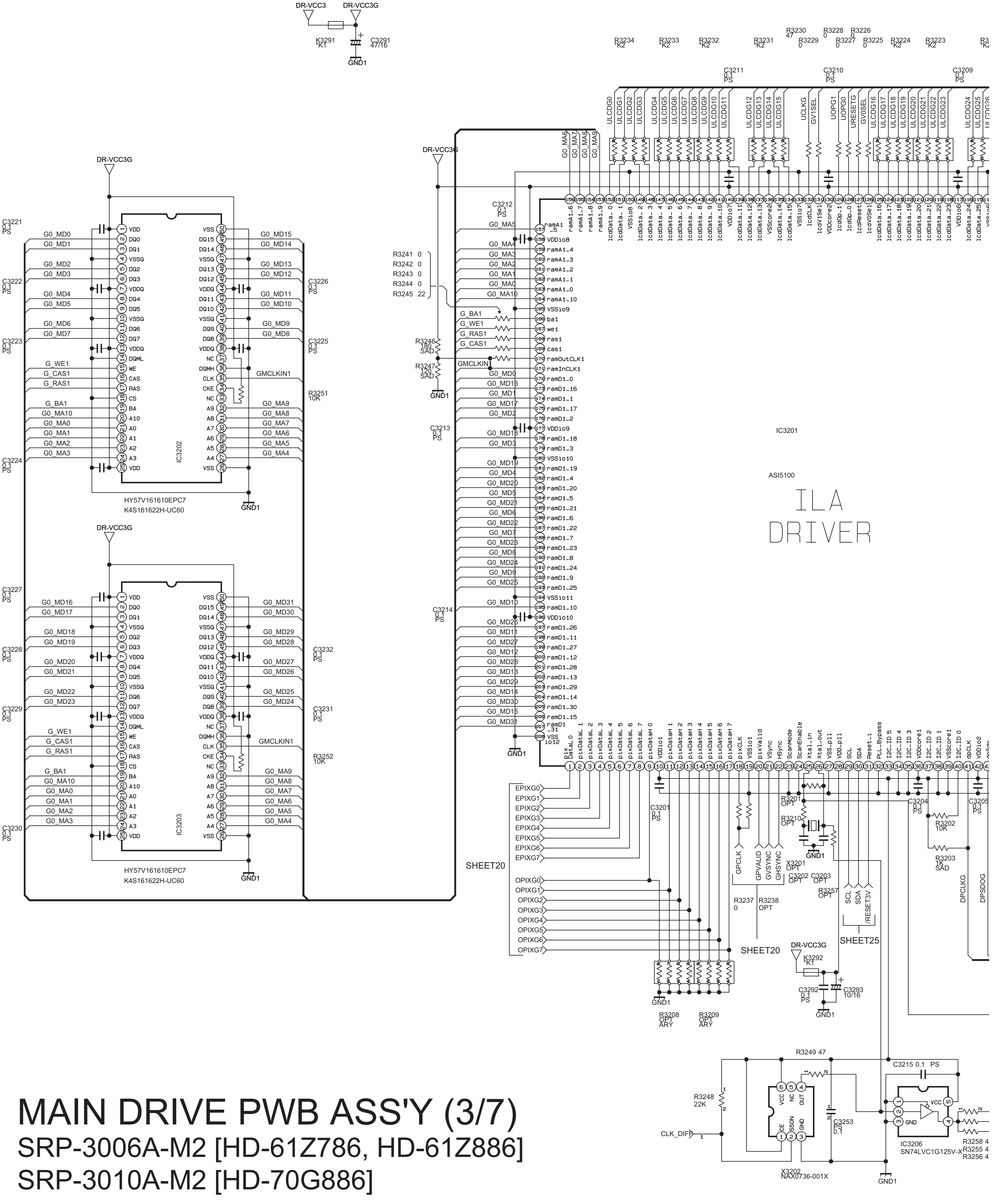
SRP-3006A-M2 [HD-61Z786, HD-61Z886]

SRP-3010A-M2 [HD-70G886]


R3122 K2
R3121 K2
R3119 0
R3118 0
R3117 0
C3109 0.1 PS
ULCDR24
ULCDR25
ULCDR26
ULCDR27
ULCDR28
ULCDR29
ULCDR30
ULCDR31
RITOSELC
RITOSELB
RITOSELA
RBDRSEL
R3116 0
C3108 0.1 PS
C3107 0.1 PS
C3106 0.1 PS
C3105 0.1 PS
DR-VCC3R
R3107 180 SAD
R3106 120 SAD
GND1
R3111 22
R3112 0
R3113 0
R3114 0
R3115 0
RMCLKIN0
R_CAS0
R_RAS0
R_WE0
R_BA0
R1_MA10
R1_MA0
R1_MA1
R1_MA2
R1_MA3
R1_MA4
R1_MA5
R1_MA6
R1_MA7
R1_MA8
R1_MA9
TP3101
TP3102
R3104 4.7K
R3105 4.7K
DPCLKR
DPSDOR
DPCSR
C3141 0.1 PS
C3142 0.1 PS
C3143 0.1 PS
C3144 0.1 PS
C3145 0.1 PS
C3146 0.1 PS
R3153 10K
IC3104
HY57V161610EPC7
K4S161622H-UC60
C3147 0.1 PS
C3148 0.1 PS
C3149 0.1 PS
C3150 0.1 PS
C3151 0.1 PS
C3152 0.1 PS
R3154 10K
IC3105
HY57V161610EPC7
K4S161622H-UC60
AVCC3
K3193 K1
C3196 0.1 PS
C3197 1000P
C3195 47/16
SHEET24
URV1
RBDRSEL
RV1SEL
RV0SEL
UOPR1
UOPR0
UCLKR
URESETR
DPCSR
DPCLKR
DPSDOR
RITOSELA
RITOSELC
RITOSELB
RV1REF
RVITOR_B
RVITOREF
URVITO
K3194 K1
C3198 0.1 PS
C3199 10/16
RAGND
CN302
R D-ILA DEVICE
80 AVCC3
79 AVCC3
78 AVCC3
77 AVCC3
76 AVCC3
75 AVCC3
74 AVCC3
73 AVCC3
72 AVCC3
71 URV1
70 RBDRSEL
69 RV1SEL
68 RV0SEL
67 GND
66 GND
65 ULCDR0
64 ULCDR1
63 ULCDR2
62 ULCDR3
61 ULCDR4
60 ULCDR5
59 ULCDR6
58 ULCDR7
57 GND
56 GND
55 ULCDR8
54 ULCDR9
53 ULCDR10
52 ULCDR11
51 ULCDR12
50 ULCDR13
49 ULCDR14
48 ULCDR15
47 GND
46 GND
45 GND
44 GND
43 UOPR1
42 UOPR0
41 GND
40 GND
39 ULCLKR
38 URESETR
37 GND
36 GND
35 ULCDR16
34 ULCDR17
33 ULCDR18
32 ULCDR19
31 ULCDR20
30 ULCDR21
29 ULCDR22
28 ULCDR23
27 GND
26 GND
25 ULCDR24
24 ULCDR25
23 ULCDR26
22 ULCDR27
21 ULCDR28
20 ULCDR29
19 ULCDR30
18 ULCDR31
17 GND
16 GND
15 DPCSR
14 DPCLKR
13 DPSDOR
12 RITOSELA
11 RITOSELC
10 RITOSELB
9 GND
8 GND
7 RV1REF
6 RVITOR_B
5 RVITOREF
4 AVCC3
3 AVCC3
2 URVITO
1 URVITO

c10329001a002_0120_2/7_0.0

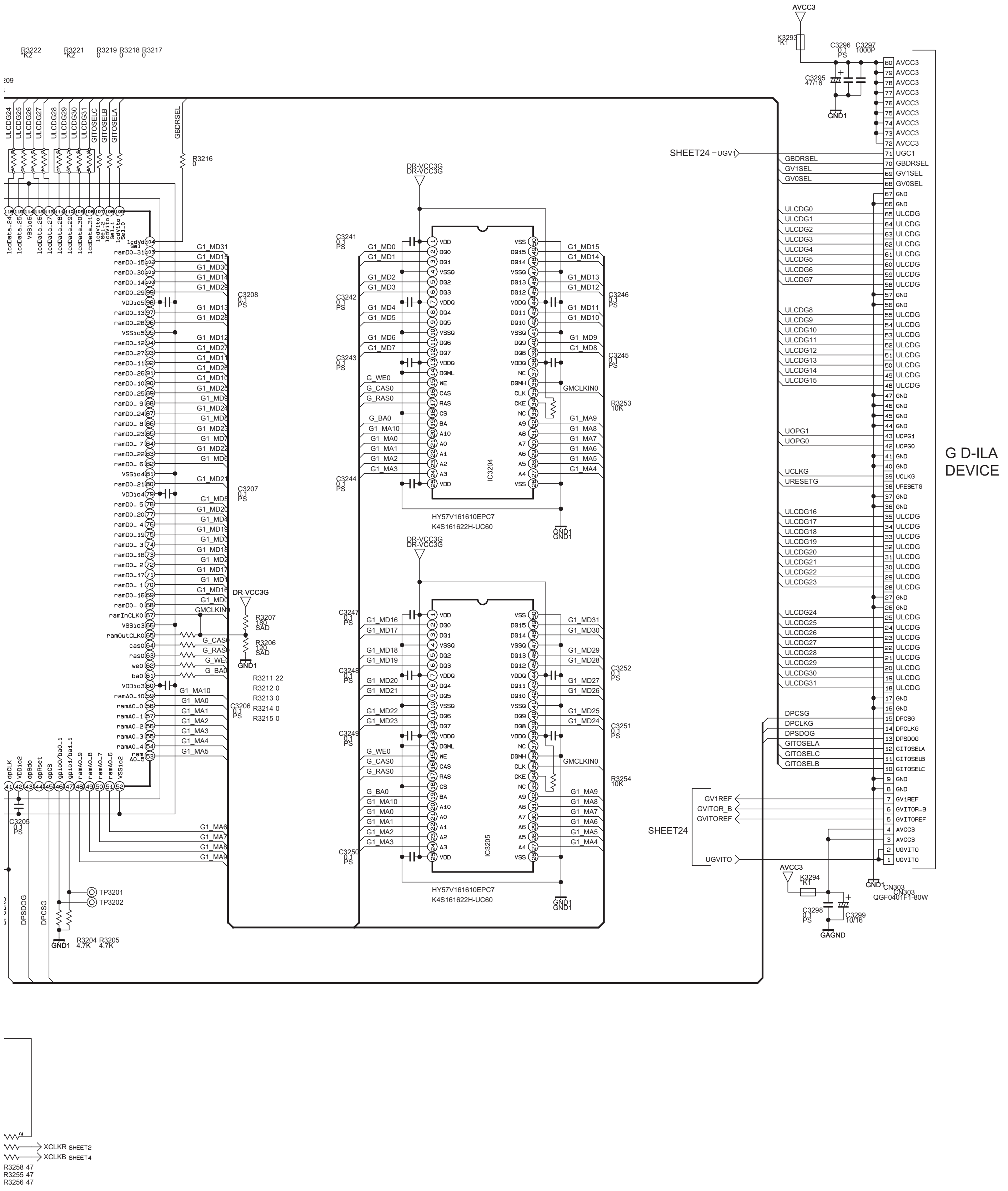
MAIN DRIVE PWB CIRCUIT DIAGRAM (3/7) SHEET22


DR-VCC3
DR-VCC3G
K3291 K1
C3291 47/16
GND1
IC3202
IC3203
HY57V161610EPC7
K4S161622H-UC60
C3221 0.1 PS
C3222 0.1 PS
C3223 0.1 PS
C3224 0.1 PS
C3225 0.1 PS
C3226 0.1 PS
C3227 0.1 PS
C3228 0.1 PS
C3229 0.1 PS
C3230 0.1 PS
C3231 0.1 PS
C3232 0.1 PS
R3251 10K
R3252 10K
GMCLKIN1
G_WE1
G_CAS1
G_RAS1
G_BA1
G0_MA10
G0_MA0
G0_MA1
G0_MA2
G0_MA3
G0_MA4
G0_MA5
G0_MA6
G0_MA7
G0_MA8
G0_MA9
VDD
DQ0
DQ1
VSSQ
DQ2
DQ3
VDDQ
DQ4
DQ5
DQ6
DQ7
DQML
WE
CAS
RAS
CS
BA
A10
A0
A1
A2
A3
VSS
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
NC
DQMH
CLK
CKE
A9
A8
A7
A6
A5
A4
R3241 0
R3242 0
R3243 0
R3244 0
R3245 22
R3246 180 SAD
R3247 120 SAD
C3212 0.1 PS
C3213 0.1 PS
C3214 0.1 PS
C3209 0.1 PS
C3210 0.1 PS
C3211 0.1 PS
R3234 K2
R3233 K2
R3232 K2
R3231 K2
R3230 47
R3229 0
R3228 0
R3227 0
R3226 0
R3225 0
R3224 K2
R3223 K2
IC3201
ASI5100
ILA
DRIVER
EPIXG0
EPIXG1
EPIXG2
EPIXG3
EPIXG4
EPIXG5
EPIXG6
EPIXG7
OPIXG0
OPIXG1
OPIXG2
OPIXG3
OPIXG4
OPIXG5
OPIXG6
OPIXG7
SHEET20
SHEET25
GPCLK
GPVALID
GVSYNC
GHSYNC
SCL
SDA
/RESET3V
DPCLKG
DPSDOG
C3201 0.1 PS
R3201 OPT
R3210 OPT
X3201 OPT
C3202 OPT
C3203 OPT
R3257 OPT
R3237 0
R3238 OPT
C3204 0.1 PS
C3205 0.1 PS
R3202 10K
R3203 1K SAD
R3208 OPT ARY
R3209 OPT ARY
K3292 K1
C3292 0.1 PS
C3293 10/16
R3249 47
R3248 22K
C3253 PS 0.1
C3215 0.1 PS
CLK_DIFF
X3202
NAX0736-001X
IC3206
SN74LVC1G125V-X
R3258
R3255
R3256

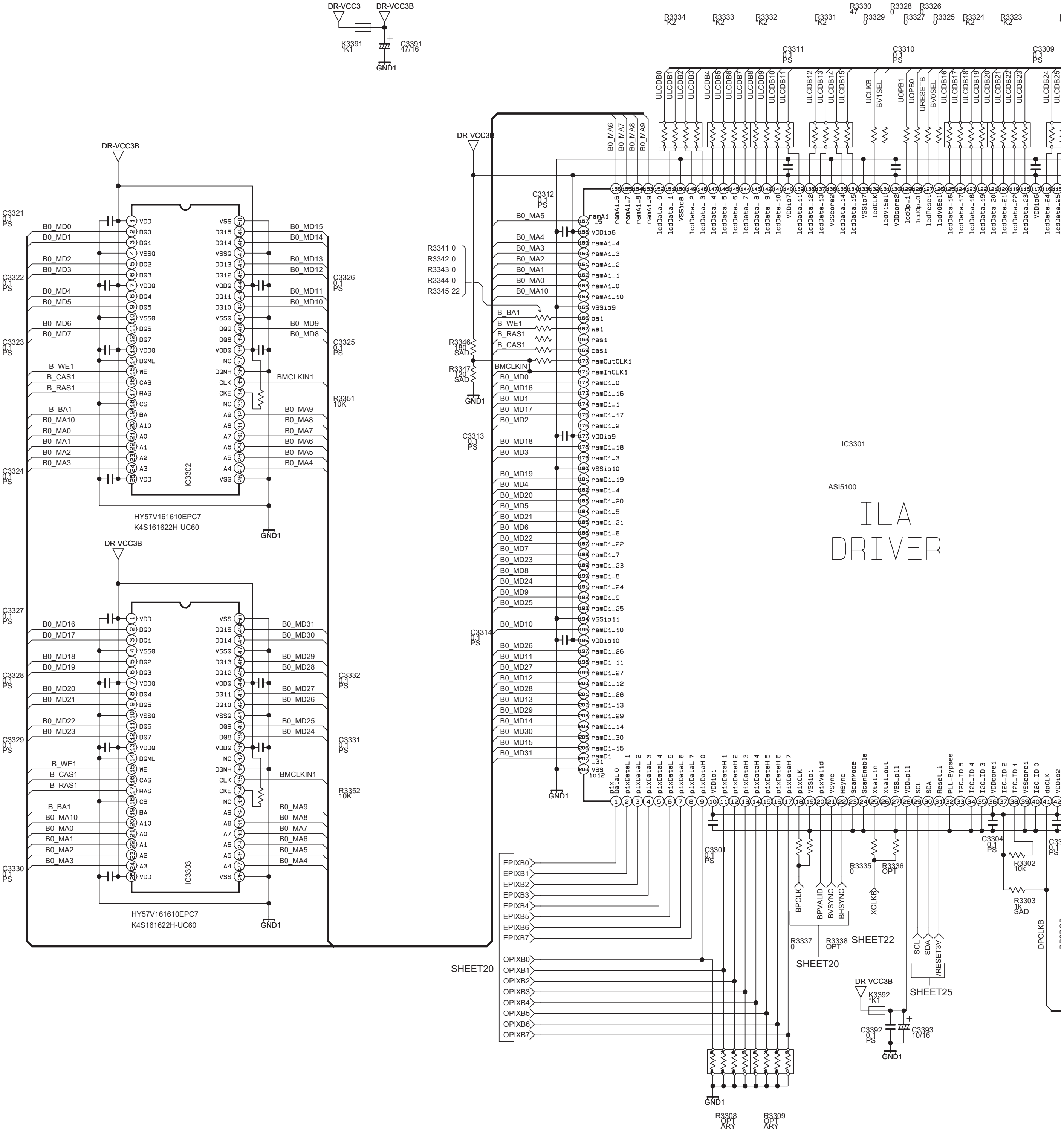
MAIN DRIVE PWB ASS'Y (3/7)

SRP-3006A-M2 [HD-61Z786, HD-61Z886]

SRP-3010A-M2 [HD-70G886]

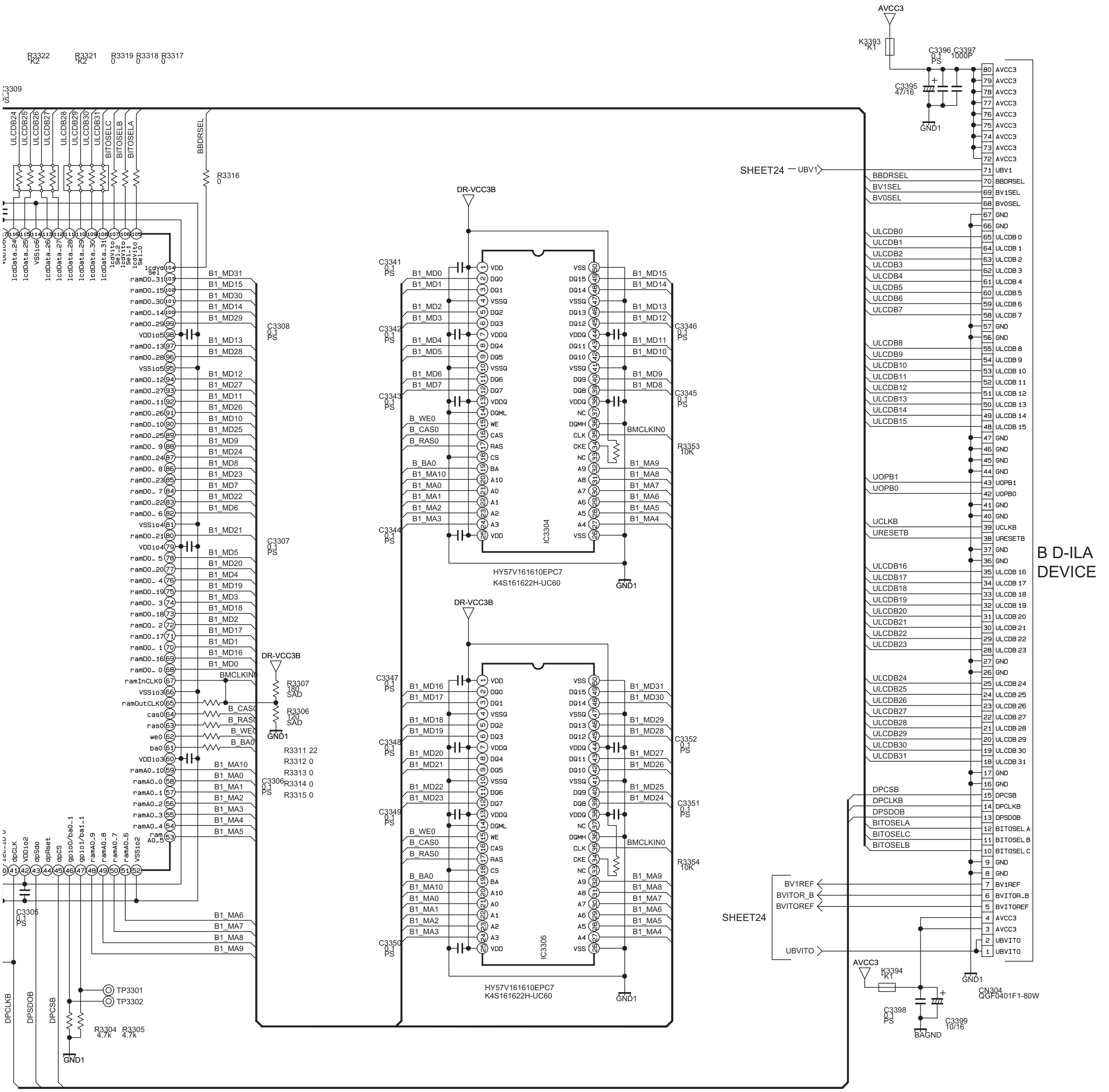

G D-ILA DEVICE
IC3204
HY57V161610EPC7
K4S161622H-UC60
IC3205
HY57V161610EPC7
K4S161622H-UC60
DR-VCC3G
AVCC3
GND1
GAGND
CN303
QGF0401F1-80W
SHEET24
UGV1
GV1REF
GVITOR_B
GVITOREF
UGVITO
GBDRSEL
GV1SEL
GV0SEL
GMCLKIN0
TP3201
TP3202
R3204 4.7K
R3205 4.7K
R3207 180 SAD
R3206 120 SAD
R3211 22
R3212 0
R3213 0
R3214 0
R3215 0
R3216 0
R3222 K2
R3221 K2
R3219 0
R3218 0
R3217 0
R3253 10K
R3254 10K
K3293 K1
K3294 K1
C3295 47/16
C3296 0.1 PS
C3297 1000P
C3298 0.1 PS
C3299 10/16
XCLKR SHEET2
XCLKB SHEET4
R3258 47
R3255 47
R3256 47
DPSDOG
DPCSG

MAIN DRIVE PWB CIRCUIT DIAGRAM (4/7) SHEET23

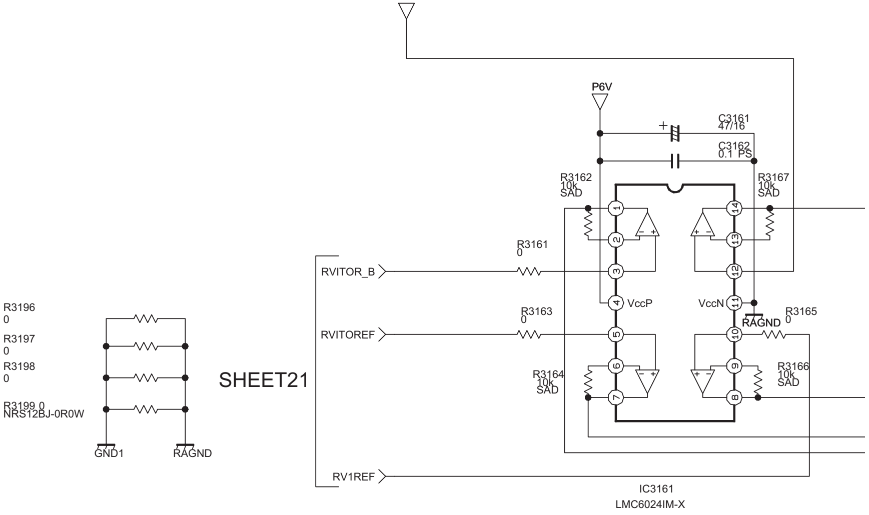

DR-VCC3
DR-VCC3B
K3391
K1
C3391
47/16
GND1
IC3302
HY57V161610EPC7
K4S161622H-UC60
IC3303
HY57V161610EPC7
K4S161622H-UC60
C3321
C3322
C3323
C3324
C3325
C3326
C3327
C3328
C3329
C3330
C3331
C3332
0.1
PS
R3351
10K
R3352
10K
BMCLKIN1
B_WE1
B_CAS1
B_RAS1
B_BA1
B0_MA0
B0_MA1
B0_MA2
B0_MA3
B0_MA4
B0_MA5
B0_MA6
B0_MA7
B0_MA8
B0_MA9
B0_MA10
B0_MD0
B0_MD31
VDD
VSS
VDDQ
VSSQ
DQML
DQMH
WE
CAS
RAS
CS
BA
CLK
CKE
NC
C3312
C3313
C3314
R3341 0
R3342 0
R3343 0
R3344 0
R3345 22
R3346
180
SAD
R3347
120
SAD
IC3301
ASI5100
ILA
DRIVER
R3323
R3324
R3325
R3326
R3327
R3328
R3329
R3330
R3331
R3332
R3333
R3334
K2
C3309
C3310
C3311
ULCDB0
ULCDB25
UCLKB
BV1SEL
UOPB1
UOPB0
URESETB
BV0SEL
EPIXB0
EPIXB1
EPIXB2
EPIXB3
EPIXB4
EPIXB5
EPIXB6
EPIXB7
OPIXB0
OPIXB1
OPIXB2
OPIXB3
OPIXB4
OPIXB5
OPIXB6
OPIXB7
SHEET20
SHEET22
SHEET25
C3301
0.1
PS
BPCLK
BPVALID
BVSYNC
BHSYNC
XCLKB
R3335
0
R3336
OPT
R3337
0
R3338
OPT
SCL
SDA
/RESET3V
DPCLKB
C3304
R3302
10k
R3303
1K
SAD
K3392
K1
C3392
0.1
PS
C3393
10/16
R3308
OPT
ARY
R3309
OPT
ARY

MAIN DRIVE PWB ASS'Y (4/7)

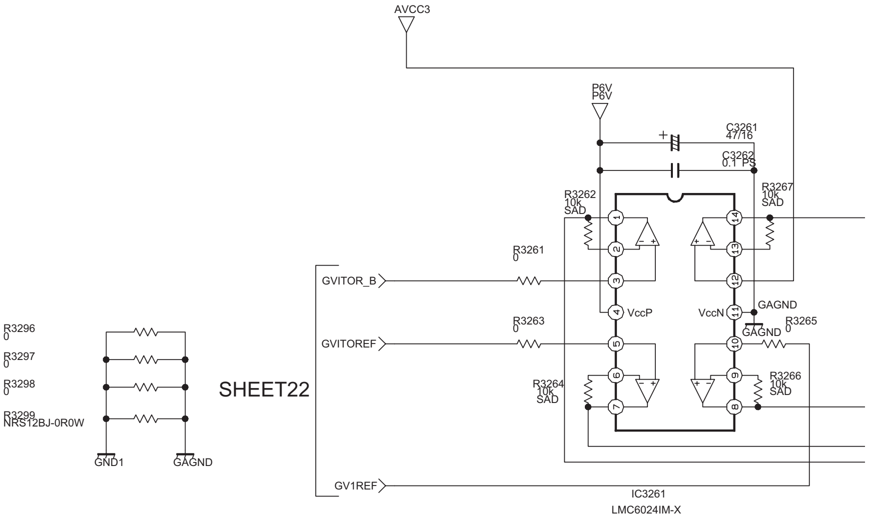
SRP-3006A-M2 [HD-61Z786, HD-61Z886]
SRP-3010A-M2 [HD-70G886]


AVCC3
K3393 K1
C3396 0.1 PS
C3397 1000P
C3395 47/16
GND1
SHEET24
UBV1
BBDRSEL
BV1SEL
BV0SEL
R3322 K2
R3321 K2
R3319 0
R3318 0
R3317 0
C3309
R3316 0
DR-VCC3B
C3341 0.1 PS
C3342 0.1 PS
C3343 0.1 PS
C3344 0.1 PS
C3345 0.1 PS
C3346 0.1 PS
C3347 0.1 PS
C3348 0.1 PS
C3349 0.1 PS
C3350 0.1 PS
C3351 0.1 PS
C3352 0.1 PS
C3308 0.1 PS
C3307 0.1 PS
C3306 0.1 PS
C3305 0.1 PS
R3353 10K
R3354 10K
R3307 180 SAD
R3306 120 SAD
R3311 22
R3312 0
R3313 0
R3314 0
R3315 0
BMCLKIN0
B_CAS0
B_RAS0
B_WE0
B_BA0
IC3304
IC3305
HY57V161610EPC7
K4S161622H-UC60
B D-ILA DEVICE
CN304
QGF0401F1-80W
BV1REF
BVITOR_B
BVITOREF
UBVITO
K3394 K1
C3398 0.1 PS
C3399 10/16
BAGND
TP3301
TP3302
R3304 4.7k
R3305 4.7k
DPCLKB
DPSDOB
DPCSB
BITOSELA
BITOSELB
BITOSELC

MAIN DRIVE PWB CIRCUIT DIAGRAM (5/7) SHEET24



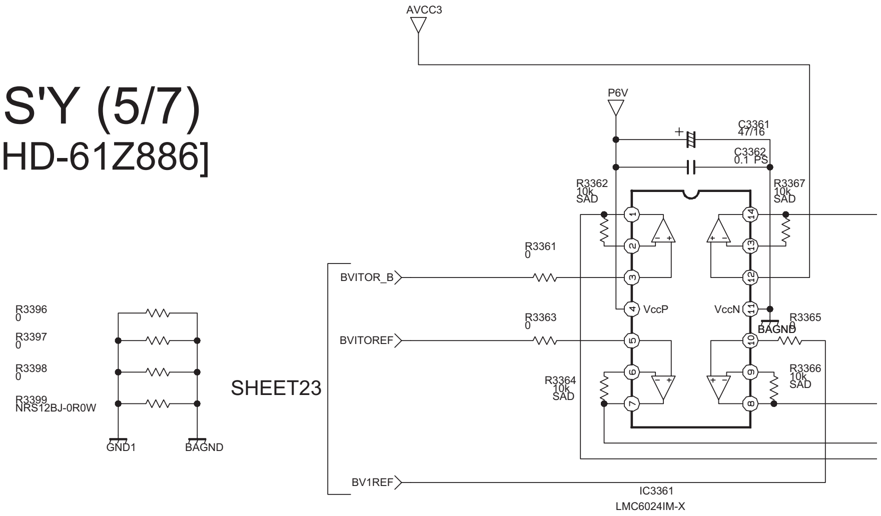
AVCC3
P6V
C3161
47/16
C3162
0.1 PS
R3162
10k
SAD
R3167
10k
SAD
R3161
0
RVITOR_B
VccP
VccN
RAGND
R3163
0
RVITOREF
R3165
0
R3164
10k
SAD
R3166
10k
SAD
R3196
0
R3197
0
R3198
0
R3199 0
NRS12BJ-0R0W
GND1
RAGND
SHEET21
RV1REF
IC3161
LMC6024IM-X



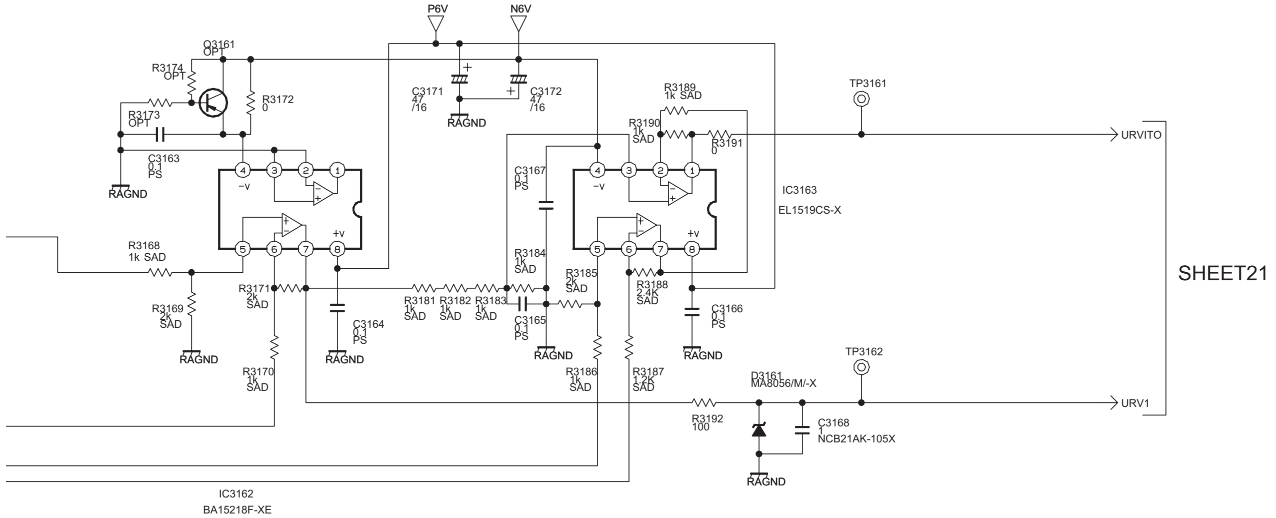
AVCC3
P6V
P6V
C3261
47/16
C3262
0.1 PS
R3262
10k
SAD
R3267
10k
SAD
R3261
0
GVITOR_B
VccP
VccN
GAGND
GAGND
R3263
0
GVITOREF
R3265
0
R3264
10k
SAD
R3266
10k
SAD
R3296
0
R3297
0
R3298
0
R3299
NRS12BJ-0R0W
GND1
GAGND
SHEET22
GV1REF
IC3261
LMC6024IM-X

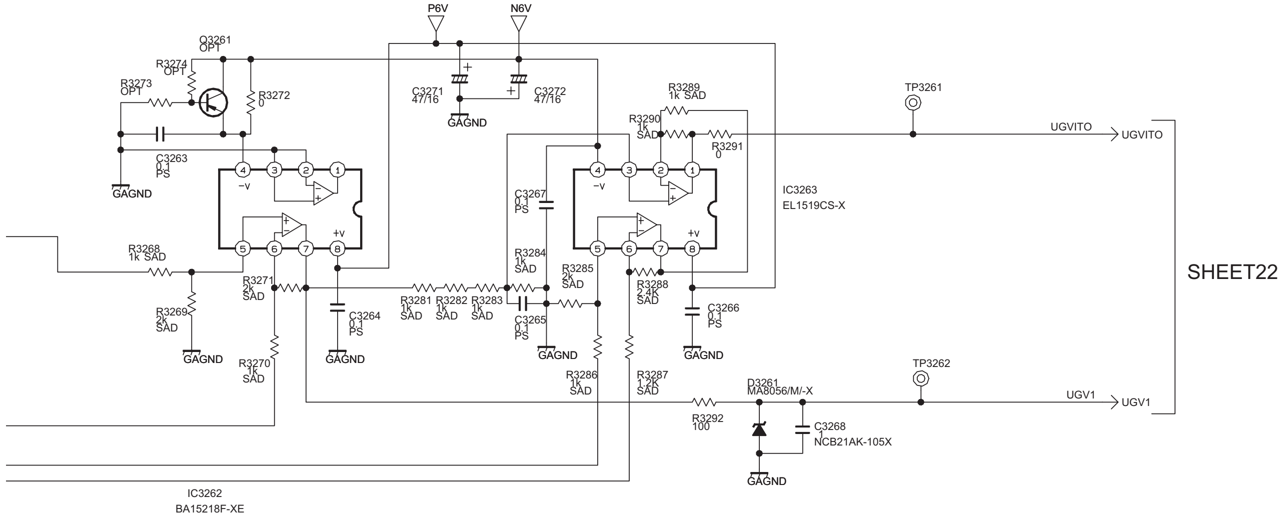
MAIN DRIVE PWB ASS'Y (5/7)

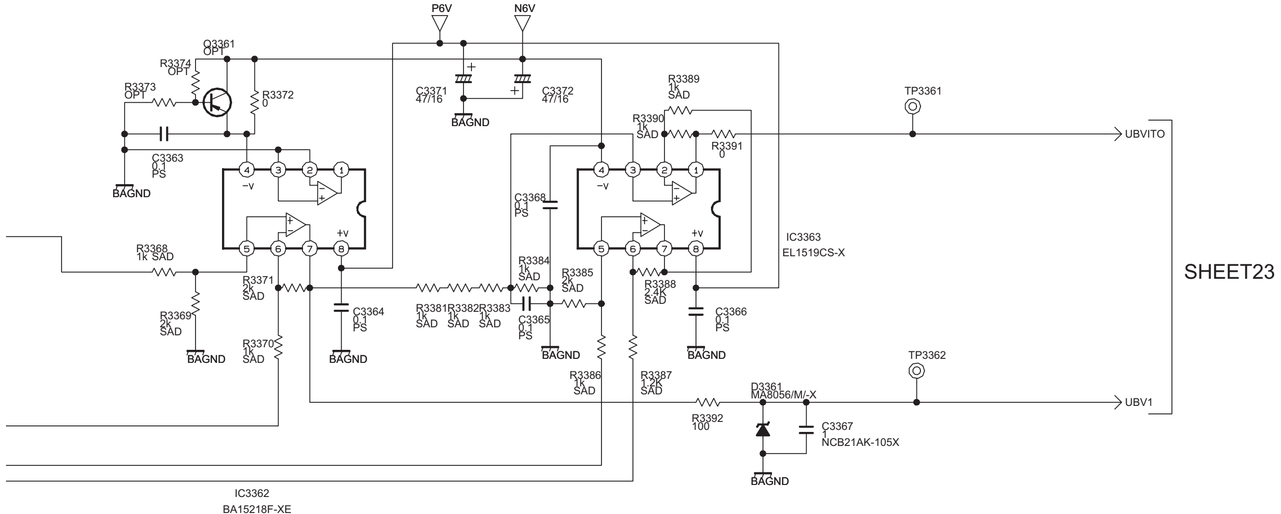
SRP-3006A-M2 [HD-61Z786, HD-61Z886]
SRP-3010A-M2 [HD-70G886]



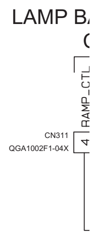
AVCC3
P6V
C3361
47/16
C3362
0.1 PS
R3362
10k
SAD
R3367
10k
SAD
R3361
0
BVITOR_B
VccP
VccN
R3363
0
BVITOREF
R3365
0
BAGND
R3364
10k
SAD
R3366
10k
SAD
R3396
0
R3397
0
R3398
0
R3399
NRS12BJ-0R0W
GND1
BAGND
SHEET23
BV1REF
IC3361
LMC6024IM-X


P6V
N6V
Q3161
OPT
R3174
OPT
R3173
OPT
R3172
0
C3171
47
/16
C3172
47
/16
RAGND
C3163
0.1
PS
R3189
1k SAD
R3190
1k
SAD
R3191
0
TP3161
URVITO
C3167
0.1
PS
IC3163
EL1519CS-X
R3168
1k SAD
R3169
2k
SAD
R3171
2k
SAD
C3164
0.1
PS
R3181
1k
SAD
R3182
1k
SAD
R3183
1k
SAD
R3184
1k
SAD
R3185
2k
SAD
R3188
2.4K
SAD
C3165
0.1
PS
C3166
0.1
PS
R3170
1k
SAD
R3186
1k
SAD
R3187
1.2K
SAD
TP3162
D3161
MA8056/M/-X
R3192
100
C3168
1
NCB21AK-105X
URV1
IC3162
BA15218F-XE
SHEET21


P6V
N6V
Q3261
OPT
R3274
OPT
R3273
OPT
R3272
0
C3271
47/16
C3272
47/16
GAGND
C3263
0.1
PS
R3289
1k SAD
R3290
1k
SAD
R3291
0
TP3261
UGVITO
UGVITO
C3267
0.1
PS
IC3263
EL1519CS-X
R3268
1k SAD
R3269
2k
SAD
R3271
2k
SAD
C3264
0.1
PS
R3281
1k
SAD
R3282
1k
SAD
R3283
1k
SAD
R3284
1k
SAD
R3285
2k
SAD
R3288
2.4K
SAD
C3265
0.1
PS
C3266
0.1
PS
R3270
1k
SAD
R3286
1k
SAD
R3287
1.2K
SAD
TP3262
D3261
MA8056/M/-X
R3292
100
C3268
1
NCB21AK-105X
UGV1
UGV1
IC3262
BA15218F-XE
SHEET22

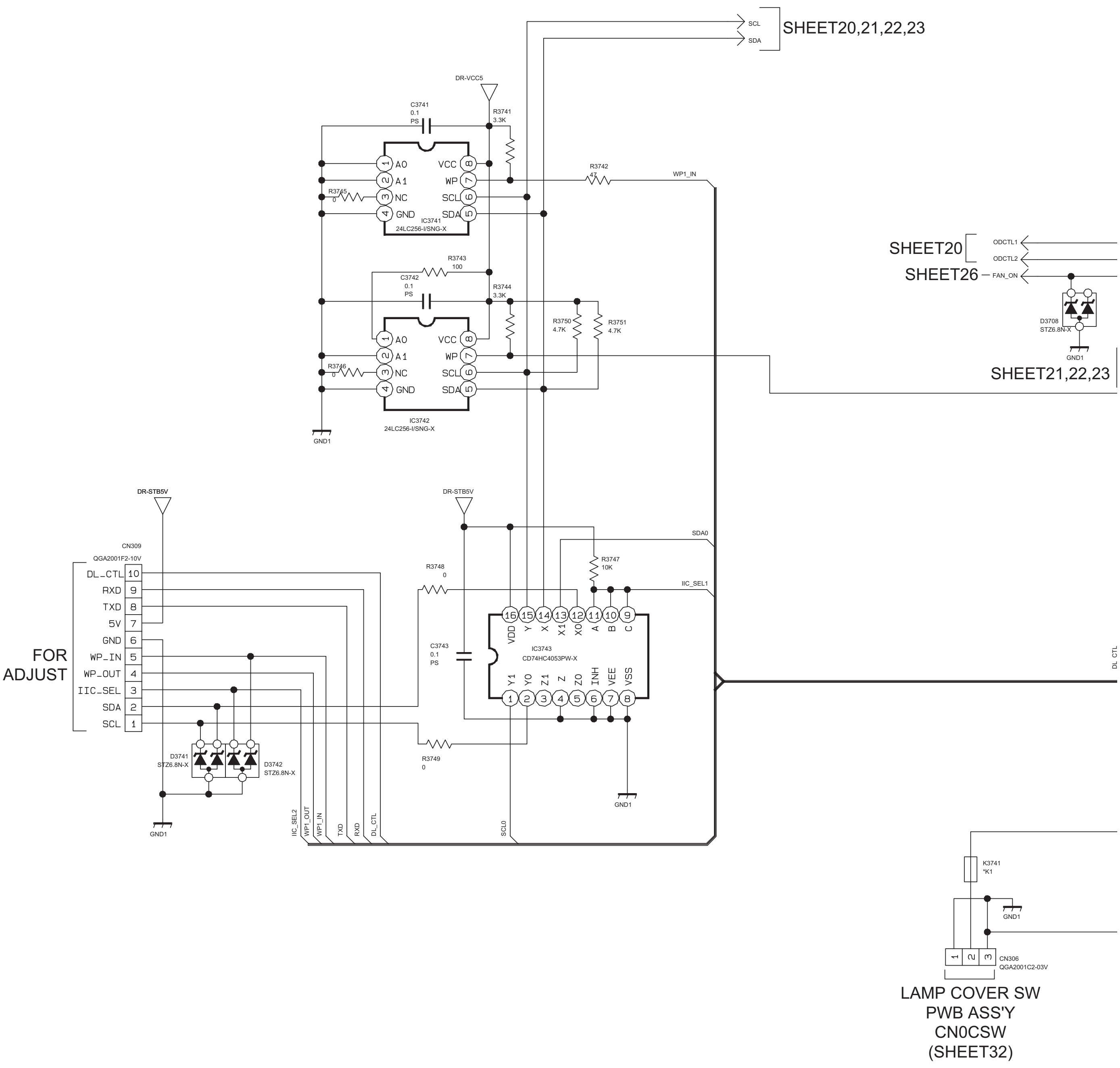

P6V
N6V
Q3361
OPT
R3374
OPT
R3373
OPT
R3372
0
C3371
47/16
C3372
47/16
BAGND
C3363
0.1
PS
R3389
1k
SAD
R3390
1k
SAD
R3391
0
TP3361
UBVITO
C3368
0.1
PS
IC3363
EL1519CS-X
R3368
1k SAD
R3369
2k
SAD
R3371
2k
SAD
C3364
0.1
PS
R3381
1K
SAD
R3382
1k
SAD
R3383
1k
SAD
R3384
1k
SAD
R3385
2k
SAD
R3388
2.4K
SAD
C3365
0.1
PS
C3366
0.1
PS
R3370
1k
SAD
R3386
1k
SAD
R3387
1.2K
SAD
TP3362
D3361
MA8056/M/-X
R3392
100
C3367
1
NCB21AK-105X
UBV1
IC3362
BA15218F-XE
SHEET23

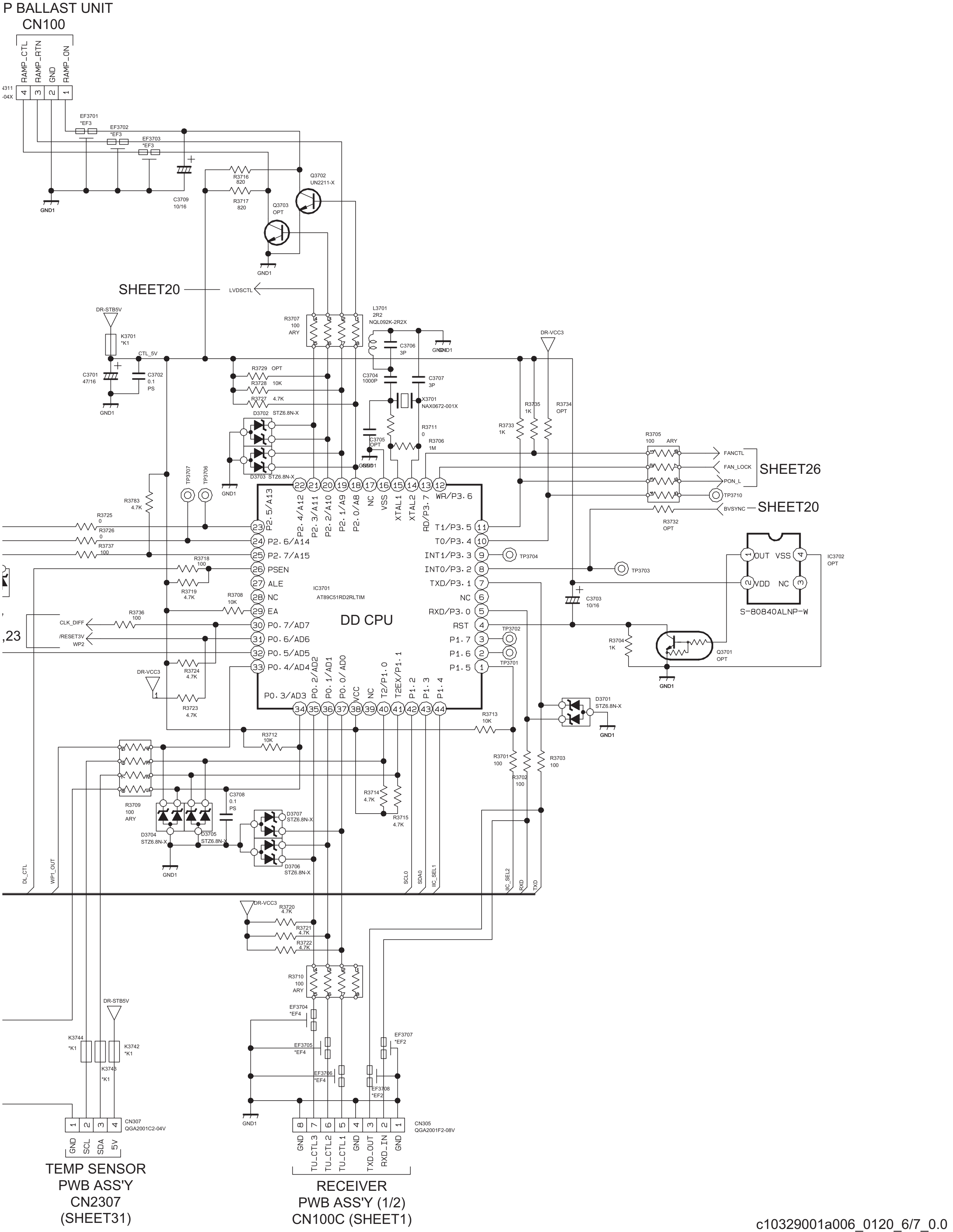
c10329001a005_0120_5/7_0.0


LAMP B
RAMP_CTL
4
CN311
QGA1002F1-04X

MAIN DRIVE PWB ASS'Y (6/7)

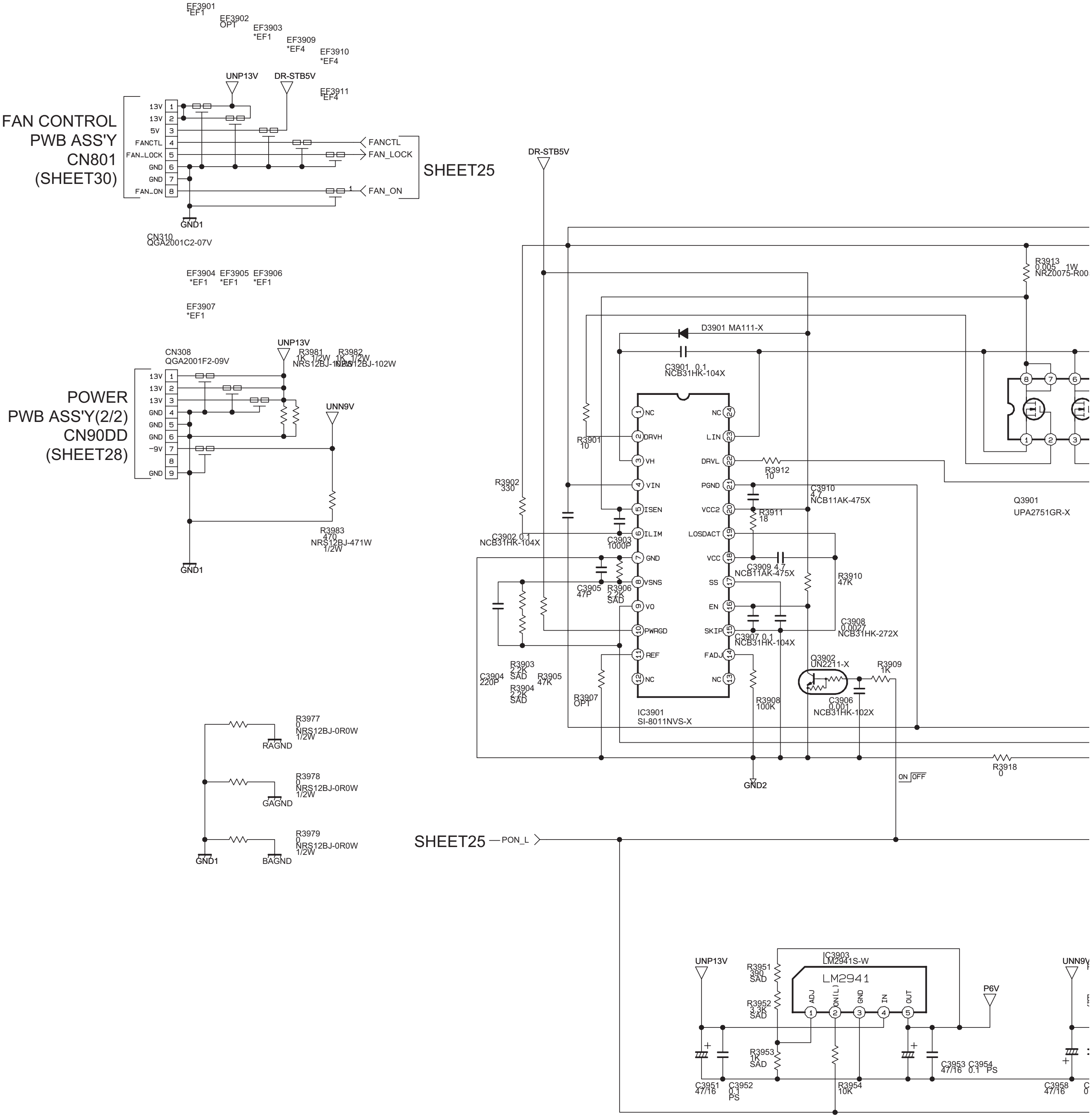
SRP-3006A-M2 [HD-61Z786, HD-61Z886]
SRP-3010A-M2 [HD-70G886]


SCL
SDA
SHEET20,21,22,23
DR-VCC5
C3741
0.1
PS
R3741
3.3K
A0
A1
NC
GND
VCC
WP
SCL
SDA
IC3741
24LC256-I/SNG-X
R3745
0
R3742
47
WP1_IN
R3743
100
C3742
0.1
PS
R3744
3.3K
R3750
4.7K
R3751
4.7K
R3746
0
IC3742
24LC256-I/SNG-X
GND1
SHEET20
ODCTL1
ODCTL2
SHEET26
FAN_ON
D3708
STZ6.8N-X
GND1
SHEET21,22,23
DR-STB5V
CN309
QGA2001F2-10V
DL_CTL 10
RXD 9
TXD 8
5V 7
GND 6
WP_IN 5
WP_OUT 4
IIC_SEL 3
SDA 2
SCL 1
FOR ADJUST
D3741
STZ6.8N-X
D3742
STZ6.8N-X
GND1
DR-STB5V
R3748
0
C3743
0.1
PS
R3749
0
R3747
10K
SDA0
IIC_SEL1
IC3743
CD74HC4053PW-X
VDD Y X X1 X0 A B C
Y1 Y0 Z1 Z Z0 INH VEE VSS
GND1
IIC_SEL2
WP1_OUT
WP1_IN
TXD
RXD
DL_CTL
SCL0
DL_CTL
K3741
*K1
GND1
CN306
QGA2001C2-03V
LAMP COVER SW
PWB ASS'Y
CN0CSW
(SHEET32)


P BALLAST UNIT
CN100
RAMP_CTL
RAMP_RTN
GND
RAMP_ON
4
3
2
1
311
-04X
EF3701
*EF3
EF3702
*EF3
EF3703
*EF3
C3709
10/16
GND1
R3716
820
R3717
820
Q3702
UN2211-X
Q3703
OPT
SHEET20
LVDSCTL
DR-STB5V
K3701
*K1
CTL_5V
C3701
47/16
C3702
0.1
PS
R3707
100
ARY
L3701
2R2
NQL092K-2R2X
C3706
3P
C3704
1000P
C3707
3P
X3701
NAX0672-001X
R3711
0
R3706
1M
C3705
OPT
R3729 OPT
R3728 10K
R3727 4.7K
D3702 STZ6.8N-X
D3703 STZ6.8N-X
TP3707
TP3706
R3783
4.7K
R3725
0
R3726
0
R3737
100
R3718
100
R3719
4.7K
R3708
10K
R3736
100
CLK_DIFF
/RESET3V
WP2
,23
R3724
4.7K
DR-VCC3
R3723
4.7K
IC3701
AT89C51RD2RLTIM
DD CPU
P2.5/A13
P2.4/A12
P2.3/A11
P2.2/A10
P2.1/A9
P2.0/A8
NC
VSS
XTAL1
XTAL2
RD/P3.7
WR/P3.6
P2.6/A14
P2.7/A15
PSEN
ALE
NC
EA
P0.7/AD7
P0.6/AD6
P0.5/AD5
P0.4/AD4
P0.3/AD3
P0.2/AD2
P0.1/AD1
P0.0/AD0
VCC
NC
T2/P1.0
T2EX/P1.1
P1.2
P1.3
P1.4
T1/P3.5
T0/P3.4
INT1/P3.3
INT0/P3.2
TXD/P3.1
NC
RXD/P3.0
RST
P1.7
P1.6
P1.5
22 21 20 19 18 17 16 15 14 13 12
23 24 25 26 27 28 29 30 31 32 33
34 35 36 37 38 39 40 41 42 43 44
11 10 9 8 7 6 5 4 3 2 1
TP3704
TP3703
TP3702
TP3701
DR-VCC3
R3735
1K
R3733
1K
R3734
OPT
R3705
100 ARY
FANCTL
FAN_LOCK
PON_L
TP3710
BVSYNC
R3732
OPT
SHEET26
SHEET20
IC3702
OPT
OUT VSS
VDD NC
S-80840ALNP-W
C3703
10/16
R3704
1K
Q3701
OPT
D3701
STZ6.8N-X
R3713
10K
R3712
10K
R3701
100
R3702
100
R3703
100
R3714
4.7K
R3715
4.7K
R3709
100
ARY
D3704
STZ6.8N-X
D3705
STZ6.8N-X
C3708
0.1
PS
D3707
STZ6.8N-X
D3706
STZ6.8N-X
DL_CTL
WP1_OUT
SCL0
SDA0
IIC_SEL1
IIC_SEL2
RXD
TXD
DR-VCC3
R3720
4.7K
R3721
4.7K
R3722
4.7K
R3710
100
ARY
EF3704
*EF4
EF3705
*EF4
EF3706
*EF4
EF3707
*EF2
EF3708
*EF2
DR-STB5V
K3744
*K1
K3743
*K1
K3742
*K1
CN307
QGA2001C2-04V
1 2 3 4
GND
SCL
SDA
5V
CN305
QGA2001F2-08V
8 7 6 5 4 3 2 1
GND
TU_CTL3
TU_CTL2
TU_CTL1
GND
TXD_OUT
RXD_IN
GND
TEMP SENSOR
PWB ASS'Y
CN2307
(SHEET31)
RECEIVER
PWB ASS'Y (1/2)
CN100C (SHEET1)

c10329001a006_0120_6/7_0.0

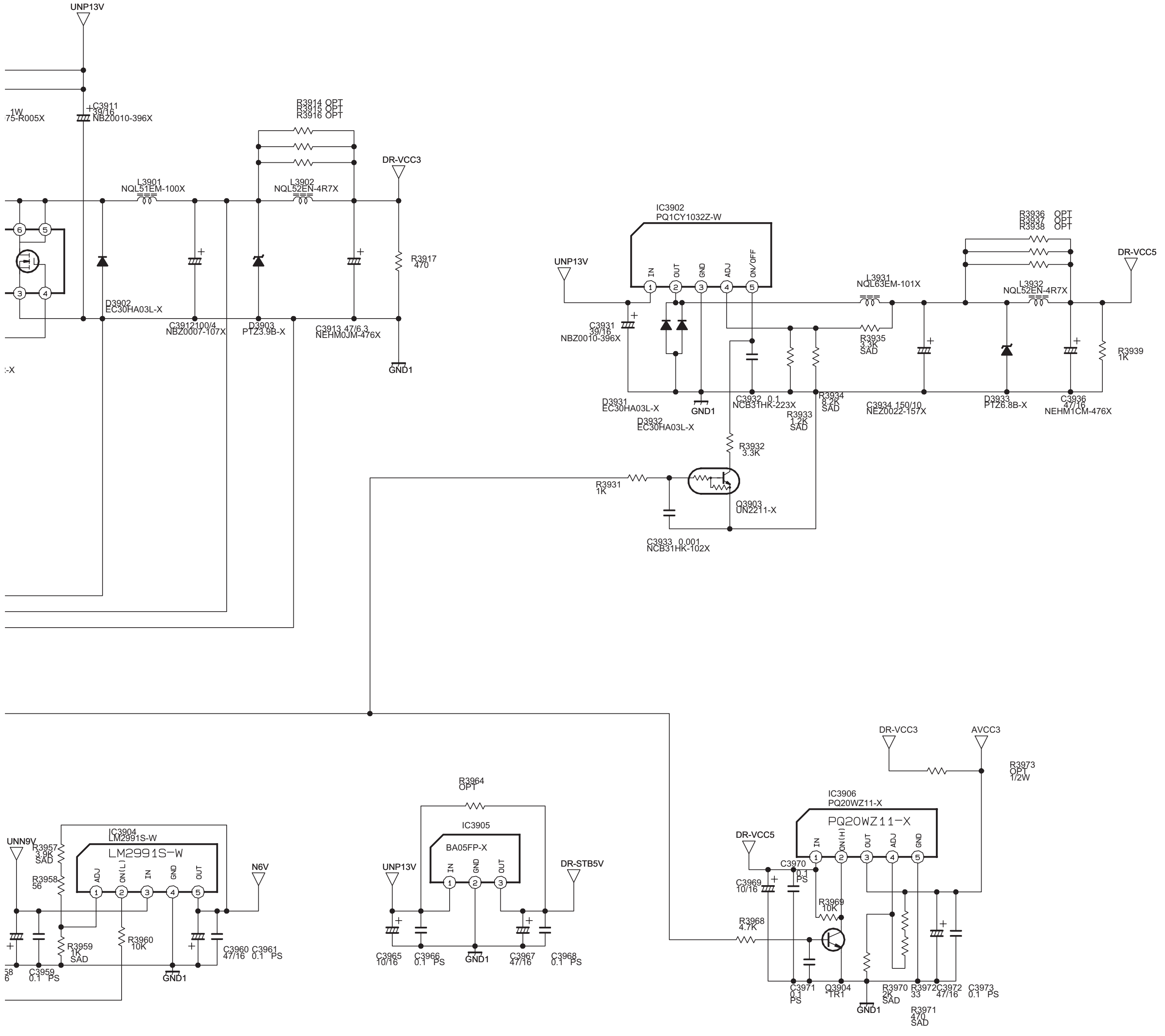
MAIN DRIVE PWB CIRCUIT DIAGRAM (7/7) SHEET26



EF3901 *EF1
EF3902 OPT
EF3903 *EF1
EF3909 *EF4
EF3910 *EF4
EF3911 *EF4
UNP13V
DR-STB5V
FAN CONTROL PWB ASS'Y CN801 (SHEET30)
13V 1
13V 2
5V 3
FANCTL 4
FAN_LOCK 5
GND 6
GND 7
FAN_ON 8
FANCTL
FAN_LOCK
FAN_ON
SHEET25
GND1
CN310
QGA2001C2-07V
EF3904 *EF1
EF3905 *EF1
EF3906 *EF1
EF3907 *EF1
CN308
QGA2001F2-09V
UNP13V
R3981 1K 1/2W NRS12BJ-102W
R3982 1K 1/2W NRS12BJ-102W
POWER PWB ASS'Y(2/2) CN90DD (SHEET28)
13V 1
13V 2
13V 3
GND 4
GND 5
GND 6
-9V 7
8
GND 9
UNN9V
R3983 470 NRS12BJ-471W 1/2W
GND1
R3977 0 NRS12BJ-0R0W 1/2W
RAGND
R3978 0 NRS12BJ-0R0W 1/2W
GAGND
R3979 0 NRS12BJ-0R0W 1/2W
GND1
BAGND
DR-STB5V
R3913 0.005 1W NRZ0075-R00
D3901 MA111-X
C3901 0.1 NCB31HK-104X
R3901 10
R3902 330
C3902 0.1 NCB31HK-104X
C3903 1000P
C3905 47P
R3906 2.2K SAD
C3904 220P
R3903 2.2K SAD
R3904 2.2K SAD
R3905 47K
R3907 OPT
IC3901
SI-8011NVS-X
NC 1
DRVH 2
VH 3
VIN 4
ISEN 5
ILIM 6
GND 7
VSNS 8
VO 9
PWRGD 10
REF 11
NC 12
NC 24
LIN 23
DRVL 22
PGND 21
VCC2 20
LOSDACT 19
VCC 18
SS 17
EN 16
SKIP 15
FADJ 14
NC 13
R3912 10
C3910 4.7 NCB11AK-475X
R3911 18
C3909 4.7 NCB11AK-475X
R3910 47K
C3908 0.0027 NCB31HK-272X
C3907 0.1 NCB31HK-104X
Q3902 UN2211-X
R3909 1K
C3906 0.001 NCB31HK-102X
R3908 100K
GND2
Q3901
UPA2751GR-X
R3918 0
ON OFF
SHEET25
PON_L
UNP13V
R3951 390 SAD
R3952 3.3K SAD
R3953 1K SAD
IC3903 LM2941S-W
LM2941
ADJ 1
ON(L) 2
GND 3
IN 4
OUT 5
P6V
C3951 47/16
C3952 0.1 PS
R3954 10K
C3953 47/16
C3954 0.1 PS
UNN9V
C3958 47/16

MAIN DRIVE PWB ASS'Y (7/7)

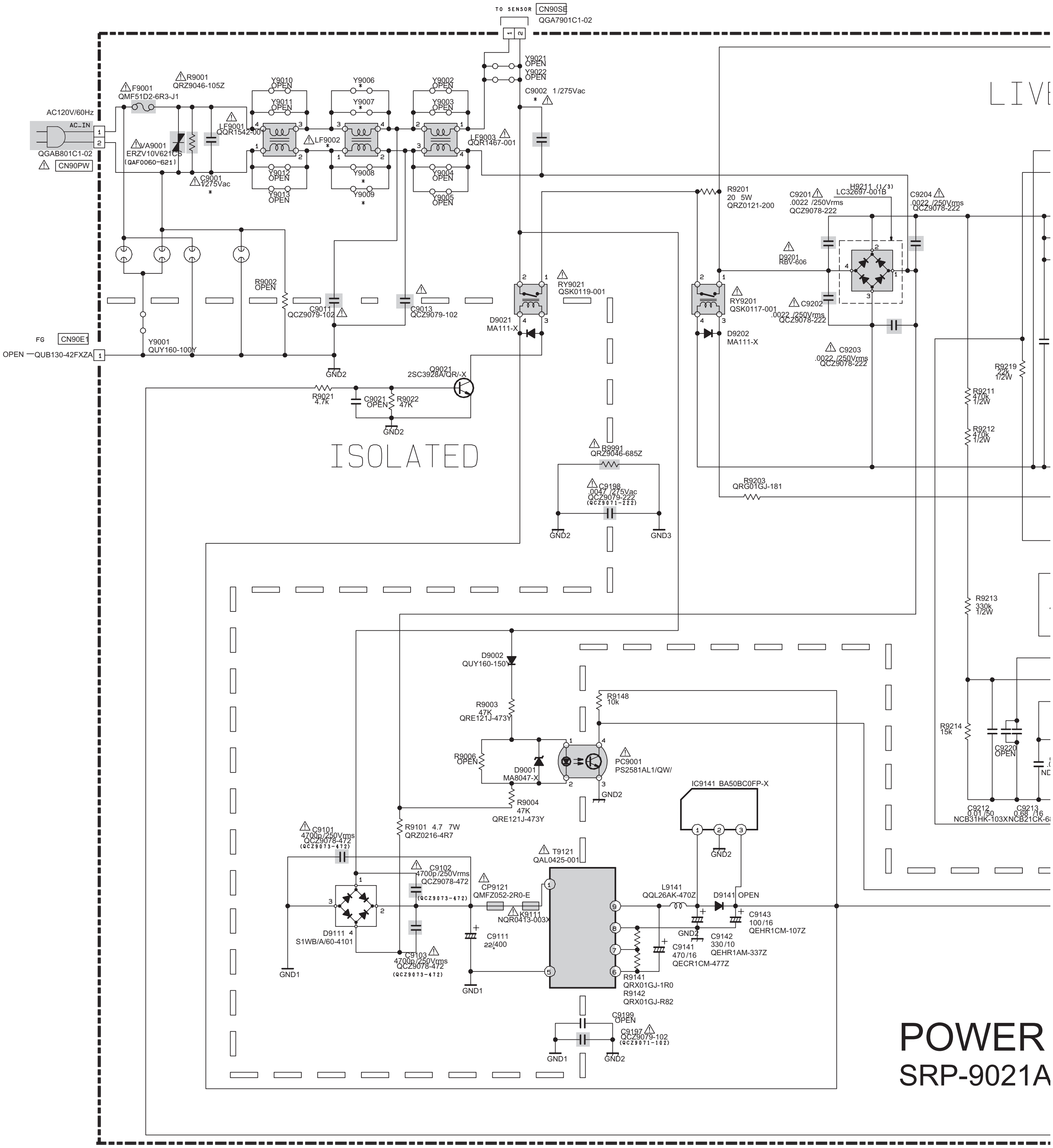
SRP-3006A-M2 [HD-61Z786, HD-61Z886]
SRP-3010A-M2 [HD-70G886]



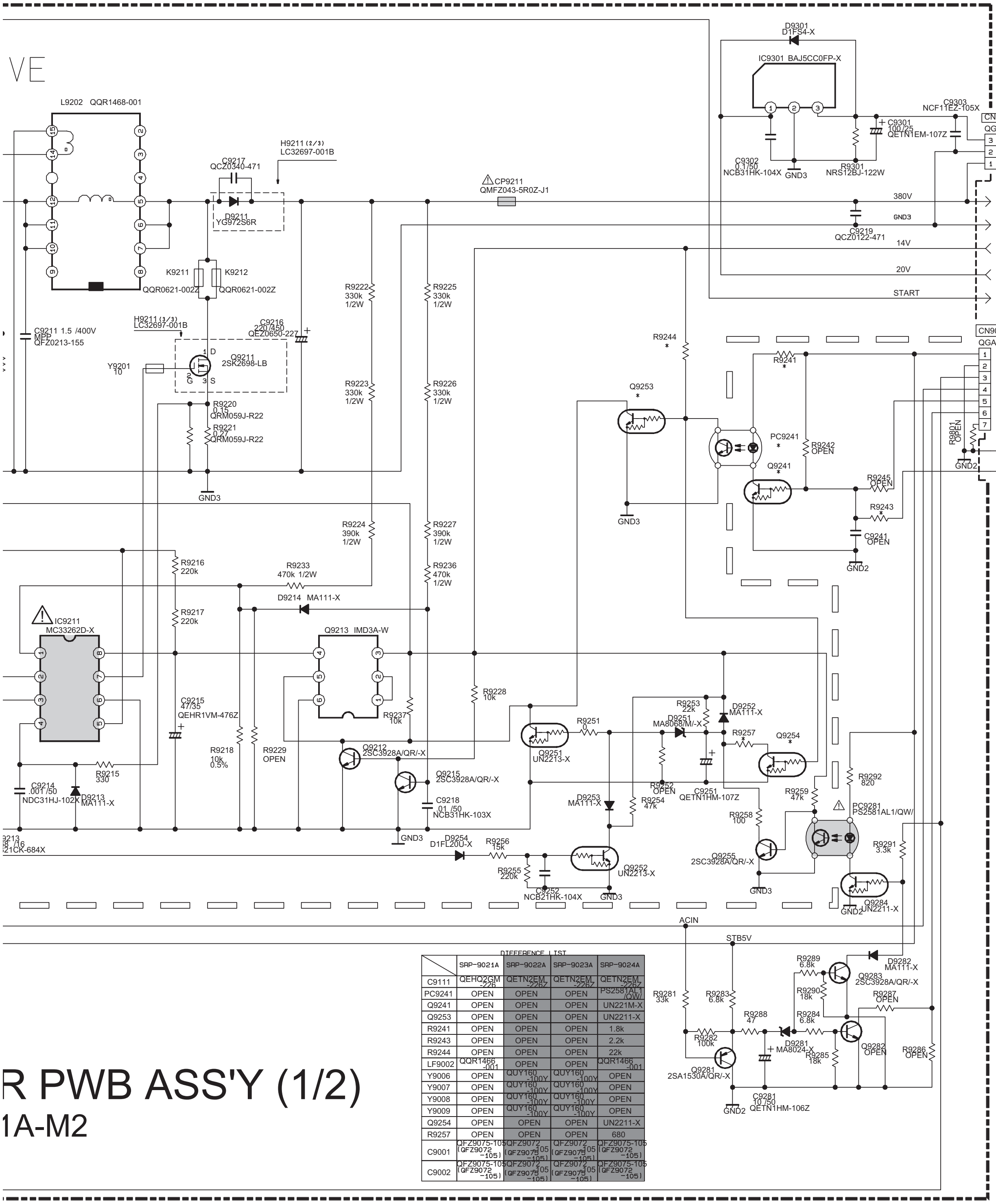
UNP13V
C3911
39/16
NBZ0010-396X
1W
75-R005X
R3914 OPT
R3915 OPT
R3916 OPT
DR-VCC3
L3901
NQL51EM-100X
L3902
NQL52EN-4R7X
R3917
470
D3902
EC30HA03L-X
C3912100/4
NBZ0007-107X
D3903
PTZ3.9B-X
C3913 47/6.3
NEHM0JM-476X
GND1
IC3902
PQ1CY1032Z-W
IN
OUT
GND
ADJ
ON/OFF
UNP13V
C3931
39/16
NBZ0010-396X
D3931
EC30HA03L-X
D3932
EC30HA03L-X
GND1
C3932 0.1
NCB31HK-223X
R3934
8.2K
SAD
R3933
1.2K
SAD
L3931
NQL63EM-101X
R3935
3.3K
SAD
C3934 150/10
NEZ0022-157X
R3936 OPT
R3937 OPT
R3938 OPT
L3932
NQL52EN-4R7X
DR-VCC5
D3933
PTZ6.8B-X
C3936
47/16
NEHM1CM-476X
R3939
1K
R3932
3.3K
R3931
1K
Q3903
UN2211-X
C3933 0.001
NCB31HK-102X
DR-VCC3
AVCC3
R3973
OPT
1/2W
IC3906
PQ20WZ11-X
PQ20WZ11-X
DR-VCC5
IN
ON(H)
OUT
ADJ
GND
C3970
0.1
PS
C3969
10/16
R3969
10K
R3968
4.7K
C3971
0.1
PS
Q3904
*TR1
GND1
R3970
2K
SAD
R3972
33
C3972
47/16
C3973
0.1 PS
R3971
470
SAD
R3964
OPT
IC3905
BA05FP-X
IN
GND
OUT
UNP13V
DR-STB5V
C3965
10/16
C3966
0.1 PS
GND1
C3967
47/16
C3968
0.1 PS
IC3904
LM2991S-W
LM2991S-W
UNN9V
R3957
3.9K
SAD
R3958
56
ADJ
ON(L)
IN
GND
OUT
N6V
R3959
1K
SAD
R3960
10K
C3959
0.1 PS
GND1
C3960
47/16
C3961
0.1 PS
58
6

srp3006aw007_0120_7/7_0.0

POWER PWB CIRCUIT DIAGRAM (1/2) SHEET27



TO SENSOR CN90SE
QGA7901C1-02
AC120V/60Hz
AC_IN
QGAB801C1-02
CN90PW
F9001
QMF51D2-6R3-J1
R9001
QRZ9046-105Z
VA9001
ERZV10V621CS
(QAF0060-621)
LF9001
QQR1542-001
C9001
1/275Vac
Y9010 OPEN
Y9011 OPEN
Y9012 OPEN
Y9013 OPEN
LF9002
Y9006
Y9007
Y9008
Y9009
Y9002 OPEN
Y9003 OPEN
Y9004 OPEN
Y9005 OPEN
LF9003
QQR1467-001
Y9021 OPEN
Y9022 OPEN
C9002 1/275Vac
LIVE
R9201
20 5W
QRZ0121-200
C9201
.0022 /250Vrms
QCZ9078-222
H9211 (1/3)
LC32697-001B
C9204
.0022 /250Vrms
QCZ9078-222
D9201
RBV-606
C9202
.0022 /250Vrms
QCZ9078-222
C9203
.0022 /250Vrms
QCZ9078-222
RY9201
QSK0117-001
D9202
MA111-X
RY9021
QSK0119-001
D9021
MA111-X
R9002 OPEN
C9011
QCZ9079-102
C9013
QCZ9079-102
FG CN90E1
OPEN QUB130-42FXZA
Y9001
QUY160-100Y
GND2
Q9021
2SC3928A/QR/-X
R9021
4.7k
C9021 OPEN
R9022 47K
ISOLATED
R9991
QRZ9046-685Z
C9198
.0047 /275Vac
QCZ9079-222
(QCZ9071-222)
GND3
R9203
QRG01GJ-181
R9219
22k
1/2W
R9211
470k
1/2W
R9212
470k
1/2W
R9213
330k
1/2W
R9214
15k
C9220 OPEN
C9212
0.01 /50
NCB31HK-103X
C9213
0.68 /16
NCB21CK-68
D9002
QUY160-150Y
R9003
47K
QRE121J-473Y
R9006 OPEN
D9001
MA8047-X
R9004
47K
QRE121J-473Y
R9148
10k
PC9001
PS2581AL1/QW/
IC9141 BA50BC0FP-X
R9101 4.7 7W
QRZ0216-4R7
C9101
4700p /250Vrms
QCZ9078-472
(QCZ9073-472)
C9102
4700p /250Vrms
QCZ9078-472
(QCZ9073-472)
C9103
4700p /250Vrms
QCZ9078-472
(QCZ9073-472)
D9111
S1WB/A/60-4101
GND1
CP9121
QMFZ052-2R0-E
K9111
NQR0413-003X
T9121
QAL0425-001
C9111
22/400
L9141
QQL26AK-470Z
D9141 OPEN
C9143
100 /16
QEHR1CM-107Z
C9142
330 /10
QEHR1AM-337Z
C9141
470 /16
QECR1CM-477Z
R9141
QRX01GJ-1R0
R9142
QRX01GJ-R82
C9199 OPEN
C9197
QCZ9079-102
(QCZ9071-102)
POWER
SRP-9021A


VE
L9202 QQR1468-001
C9217 QCZ0340-471
H9211 (2/3) LC32697-001B
CP9211 QMFZ043-5R0Z-J1
D9211 YG972S6R
K9211 QQR0621-002Z
K9212 QQR0621-002Z
C9211 1.5 /400V MPP QFZ0213-155
H9211 (1/3) LC32697-001B
C9216 220/450 QEZ0650-227
Q9211 2SK2698-LB
Y9201 10
R9220 0.15 QRM059J-R22
R9221 0.47 QRM059J-R22
GND3
R9222 330k 1/2W
R9223 330k 1/2W
R9224 390k 1/2W
R9225 330k 1/2W
R9226 330k 1/2W
R9227 390k 1/2W
R9236 470k 1/2W
R9216 220k
R9217 220k
R9233 470k 1/2W
D9214 MA111-X
IC9211 MC33262D-X
Q9213 IMD3A-W
C9215 47/35 QEHR1VM-476Z
R9218 10k 0.5%
R9229 OPEN
R9237 10k
R9228 10k
Q9212 2SC3928A/QR/-X
Q9215 2SC3928A/QR/-X
C9218 .01 /50 NCB31HK-103X
C9214 .001 /50 NDC31HJ-102X
D9213 MA111-X
R9215 330
D9254 D1FL20U-X
R9256 15k
R9255 220k
C9252 NCB21HK-104X
Q9252 UN2213-X
Q9251 UN2213-X
R9251 0
D9253 MA111-X
R9252 OPEN
R9253 22k
D9251 MA8068/M/-X
R9254 47k
C9251 QETN1HM-107Z
D9252 MA111-X
R9257 *
Q9254 *
R9258 100
Q9255 2SC3928A/QR/-X
R9259 47k
PC9281 PS2581AL1/QW/
R9292 820
R9291 3.3k
Q9284 UN2211-X
GND2
R9244 *
Q9253 *
PC9241 *
Q9241 *
R9241 *
R9242 OPEN
R9245 OPEN
R9243 *
C9241 OPEN
D9301 D1FS4-X
IC9301 BAJ5CC0FP-X
C9302 0.1/50 NCB31HK-104X
R9301 NRS12BJ-122W
C9301 100/25 QETN1EM-107Z
C9303 NCF11EZ-105X
C9219 QCZ0122-471
CN90BL QGA7901C1-03
15V
GND3
380V
LAMP BALLAST UNIT
380V
GND3
14V
20V
START
CN90G QGA2001C1-07 EH
STB5V
GND2
MAIN_POW
AC_IN
LAMP/REC
POW_GOOD
FAN_LOCK
ANALOG SIGNAL PWB ASS'Y(5/5) CN00G (SHEET8)
R9801 OPEN
PFC_POW2
SHEET28
ACIN
STB5V
R9281 33k
R9283 6.8k
R9282 100k
R9288 47
Q9281 2SA1530A/QR/-X
C9281 10 /50 QETN1HM-106Z
R9289 6.8k
R9290 18k
R9284 6.8k
D9281 MA8024-X
R9285 18k
Q9283 2SC3928A/QR/-X
D9282 MA111-X
R9287 OPEN
Q9282 OPEN
R9286 OPEN

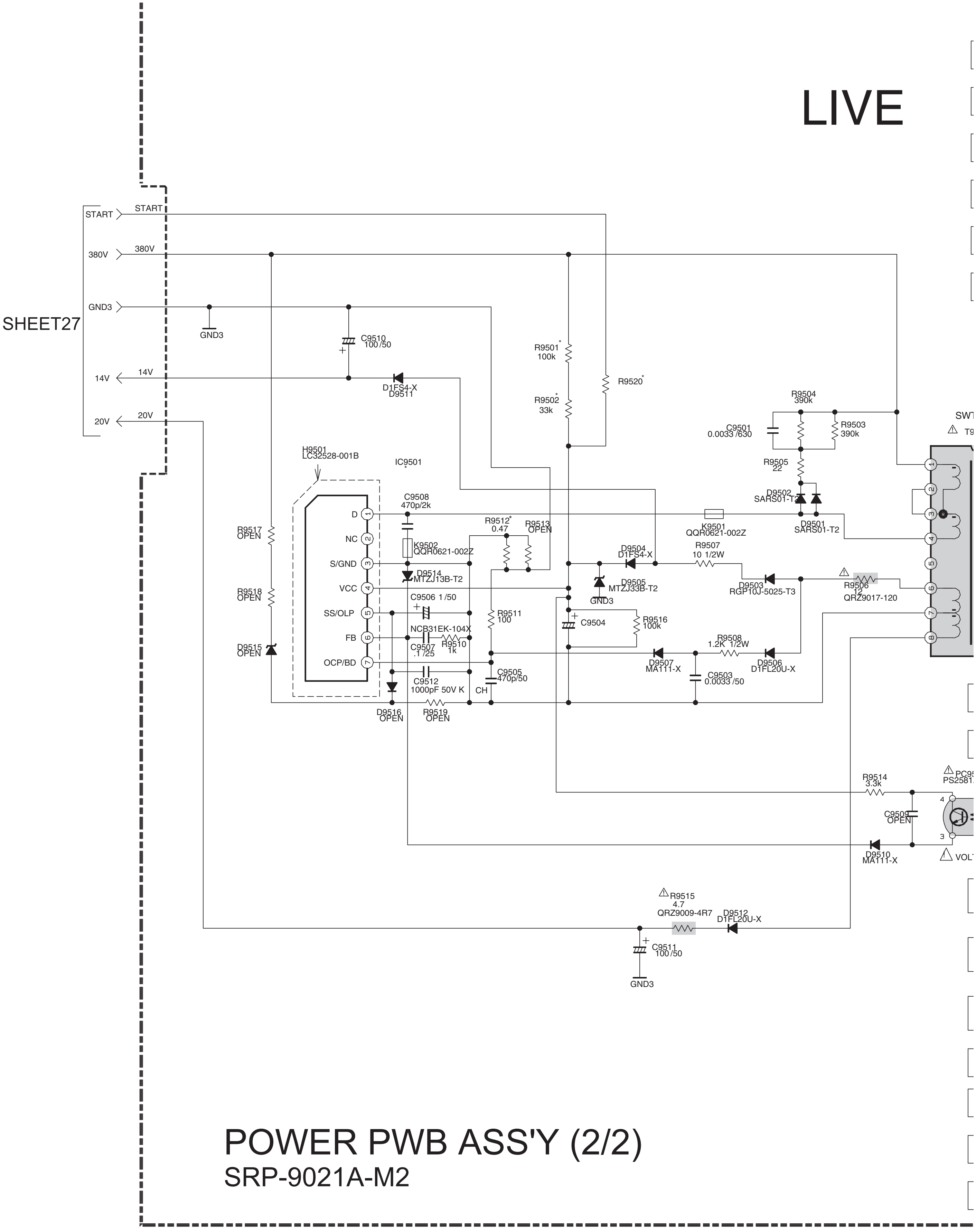
R PWB ASS'Y (1/2)

1A-M2

DIFFERENCE LIST

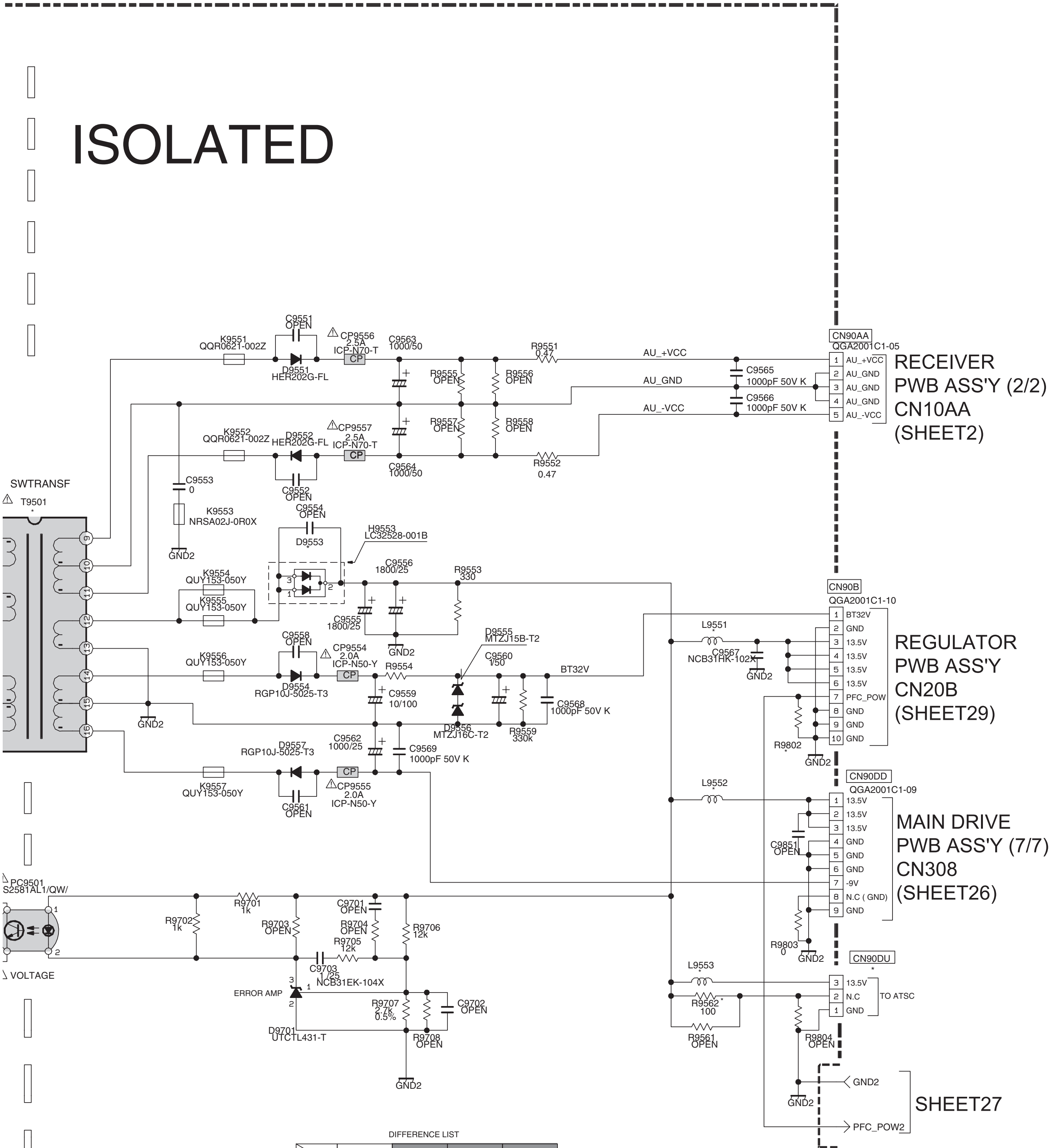
	SRP-9021A	SRP-9022A	SRP-9023A	SRP-9024A
C9111	QEHQ2GM -226	QETN2EM -226Z	QETN2EM -226Z	QETN2EM -226Z
PC9241	OPEN	OPEN	OPEN	PS2581AL1 /QW/
Q9241	OPEN	OPEN	OPEN	UN221M-X
Q9253	OPEN	OPEN	OPEN	UN2211-X
R9241	OPEN	OPEN	OPEN	1.8k
R9243	OPEN	OPEN	OPEN	2.2k
R9244	OPEN	OPEN	OPEN	22k
LF9002	QQR1466 -001	OPEN	OPEN	QQR1466 -001
Y9006	OPEN	QUY160 -100Y	QUY160 -100Y	OPEN
Y9007	OPEN	QUY160 -100Y	QUY160 -100Y	OPEN
Y9008	OPEN	QUY160 -100Y	QUY160 -100Y	OPEN
Y9009	OPEN	QUY160 -100Y	QUY160 -100Y	OPEN
Q9254	OPEN	OPEN	OPEN	UN2211-X
R9257	OPEN	OPEN	OPEN	680
C9001	QFZ9075-105 (QFZ9072 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9075-105 (QFZ9072 -105)
C9002	QFZ9075-105 (QFZ9072 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9072 -105 (QFZ9075 -105)	QFZ9075-105 (QFZ9072 -105)

c20156001a001_0216_1/2_0.0


LIVE
SHEET27
START
START
380V
380V
GND3
GND3
14V
14V
20V
20V
C9510
100 /50
D1FS4-X
D9511
R9501
100k
R9502
33k
R9520
R9504
390k
R9503
390k
C9501
0.0033 /630
R9505
22
D9502
SARS01-T2
D9501
SARS01-T2
SWT
T9
H9501
LC32528-001B
IC9501
C9508
470p/2k
D
NC
S/GND
VCC
SS/OLP
FB
OCP/BD
1
2
3
4
5
6
7
R9517
OPEN
R9518
OPEN
D9515
OPEN
K9502
QQR0621-002Z
D9514
MTZJ13B-T2
R9512
0.47
R9513
OPEN
K9501
QQR0621-002Z
D9504
D1FS4-X
R9507
10 1/2W
D9505
MTZJ33B-T2
GND3
D9503
RGP10J-5025-T3
R9506
12
QRZ9017-120
C9506 1/50
NCB31EK-104X
C9507
.1 /25
R9510
1k
R9511
100
C9504
R9516
100k
R9508
1.2K 1/2W
D9507
MA111-X
D9506
D1FL20U-X
C9503
0.0033 /50
C9505
470p/50
C9512
1000pF 50V K
CH
D9516
OPEN
R9519
OPEN
R9514
3.3k
PC95
PS2581
4
3
C9509
OPEN
D9510
MA111-X
VOLT
R9515
4.7
QRZ9009-4R7
D9512
D1FL20U-X
C9511
100 /50
GND3

POWER PWB ASS'Y (2/2)

SRP-9021A-M2

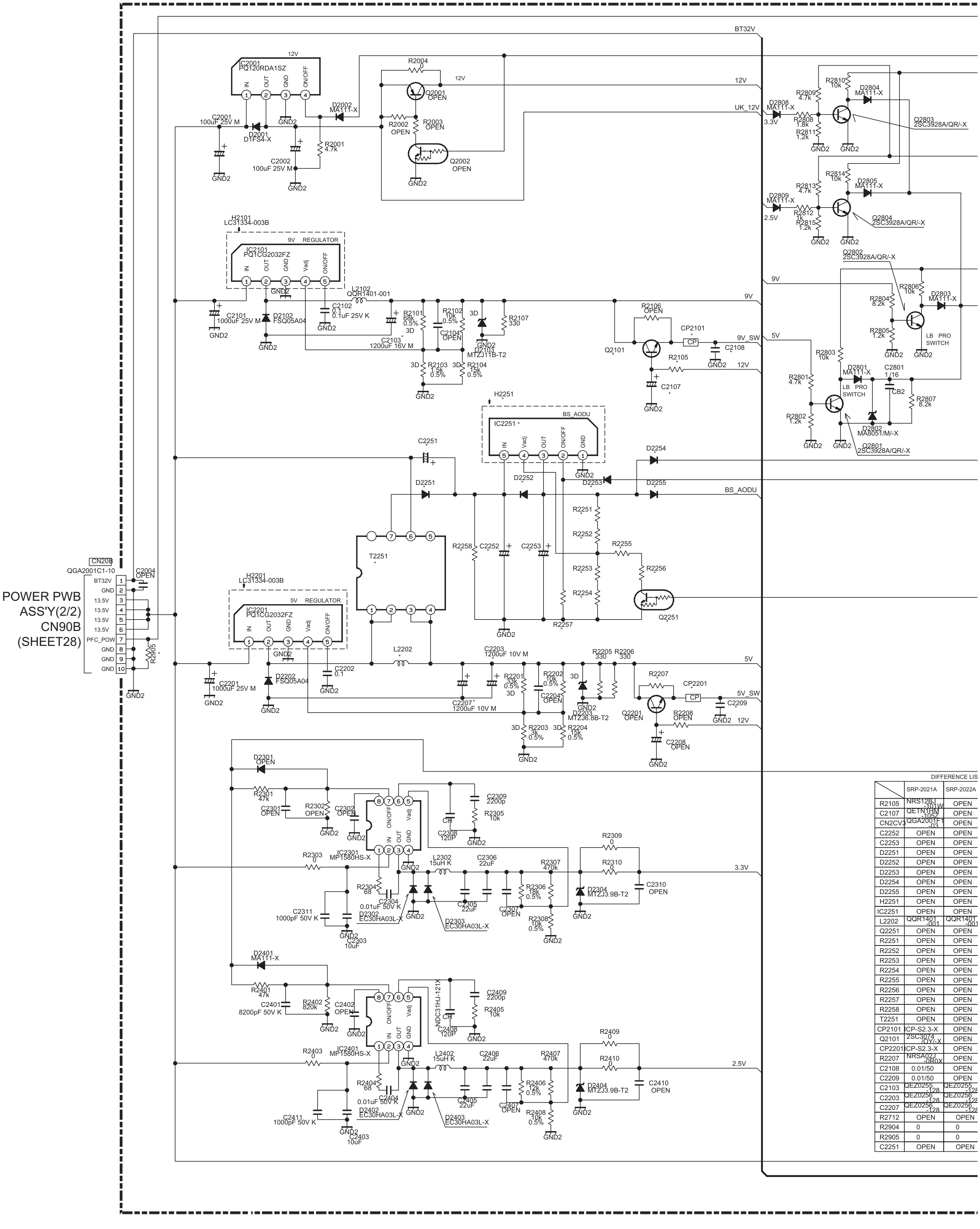

ISOLATED
SWTRANSF
T9501
K9551
QQR0621-002Z
C9551
OPEN
D9551
HER202G-FL
CP9556
2.5A
ICP-N70-T
CP
C9563
1000/50
R9551
0.47
AU_+VCC
AU_GND
AU_-VCC
R9555
OPEN
R9556
OPEN
R9557
OPEN
R9558
OPEN
C9564
1000/50
R9552
0.47
K9552
QQR0621-002Z
D9552
HER202G-FL
CP9557
2.5A
ICP-N70-T
C9552
OPEN
C9553
0
K9553
NRSA02J-0R0X
GND2
C9565
1000pF 50V K
C9566
1000pF 50V K
CN90AA
QGA2001C1-05
1 AU_+VCC
2 AU_GND
3 AU_GND
4 AU_GND
5 AU_-VCC
RECEIVER
PWB ASS'Y (2/2)
CN10AA
(SHEET2)
C9554
OPEN
D9553
H9553
LC32528-001B
K9554
QUY153-050Y
K9555
QUY153-050Y
C9556
1800/25
C9555
1800/25
R9553
330
C9558
OPEN
CP9554
2.0A
ICP-N50-Y
K9556
QUY153-050Y
D9554
RGP10J-5025-T3
R9554
C9559
10/100
D9555
MTZJ15B-T2
C9560
150
BT32V
D9556
MTZJ16C-T2
R9559
330k
C9568
1000pF 50V K
C9562
1000/25
C9569
1000pF 50V K
D9557
RGP10J-5025-T3
K9557
QUY153-050Y
CP9555
2.0A
ICP-N50-Y
C9561
OPEN
L9551
NCB31HK-102X
C9567
CN90B
QGA2001C1-10
1 BT32V
2 GND
3 13.5V
4 13.5V
5 13.5V
6 13.5V
7 PFC_POW
8 GND
9 GND
10 GND
R9802
REGULATOR
PWB ASS'Y
CN20B
(SHEET29)
L9552
CN90DD
QGA2001C1-09
1 13.5V
2 13.5V
3 13.5V
4 GND
5 GND
6 GND
7 -9V
8 N.C (GND)
9 GND
C9851
OPEN
R9803
0
MAIN DRIVE
PWB ASS'Y (7/7)
CN308
(SHEET26)
PC9501
S2581AL1/QW/
VOLTAGE
R9701
1k
R9702
1k
R9703
OPEN
C9701
OPEN
R9704
OPEN
R9705
12k
R9706
12k
C9703
1/25
NCB31EK-104X
ERROR AMP
D9701
UTCTL431-T
R9707
2.7k
0.5%
C9702
OPEN
R9708
OPEN
L9553
R9562
100
R9561
OPEN
CN90DU
3 13.5V
2 N.C
1 GND
TO ATSC
R9804
OPEN
GND2
PFC_POW2
SHEET27

DIFFERENCE LIST

	SRP-9021A	SRP-9022A	SRP-9023A	SRP-9024A
R9562	QRL029J -101	QRL029J -101	OPEN	OPEN
R9512	QRX01GJ -R47	QRX01GJ -R39	QRX01GJ -R39	QRX01GJ -R39
D9553	FME-220A	FME-220A	FME-220A	SBT80 -06LS
L9553	QUY153 -050Y	QQL26AM -3R3Z	OPEN	OPEN
R9501	QRL039J -104	QRL039J -104	QRL039J -104	OPEN
R9502	QRL039J -333	QRL039J -333	QRL039J -333	OPEN
R9520	OPEN	OPEN	OPEN	QRL029J -223
R9802	0	0	0	OPEN
CN90DU	QGA2001C1 -03	QGA2001C1 -03	OPEN	OPEN
L9551	QUY153 -050Y	QQL26AM -3R3Z	QQL26AM -3R3Z	QUY153 -050Y
L9552	QUY153 -050Y	QQL26AM -3R3Z	QQL26AM -3R3Z	QUY153 -050Y
IC9501	STR-W6765 -F5	STR-W6754 -F5	STR-W6754 -F5	STR-W6754 -F5
T9501	QQS0330 -001	QQS0352 -001	QQS0352 -001	QQS0352 -001

c20156001a002_0216_2/2_0.0

REGULATOR PWB CIRCUIT DIAGRAM SHEET29

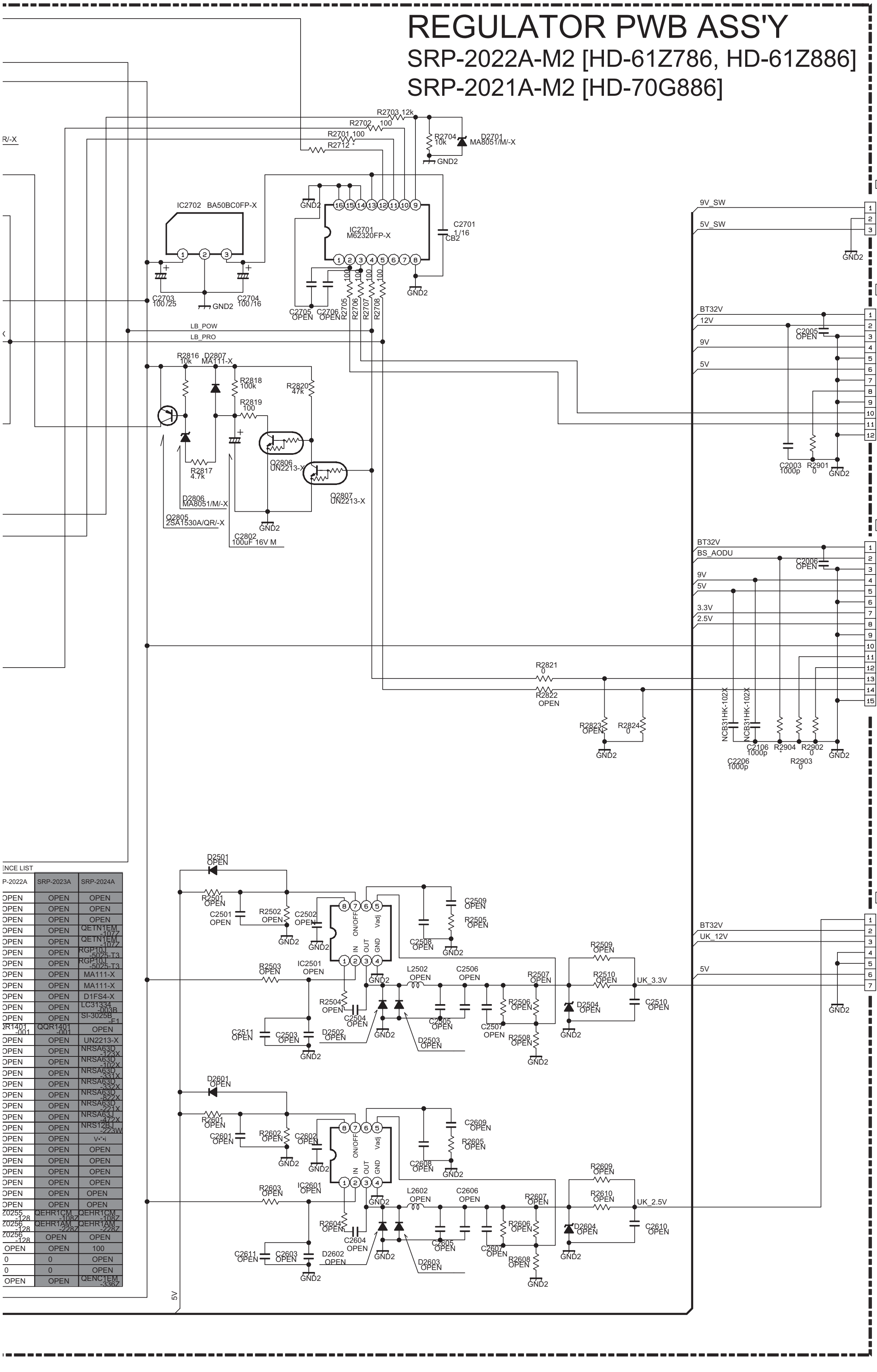

POWER PWB
ASS'Y(2/2)
CN90B
(SHEET28)
CN20B
QGA2001C1-10
BT32V
GND
13.5V
13.5V
13.5V
13.5V
PFC_POW
GND
GND
GND
C2004
OPEN
R2305
GND2
BT32V
12V
UK_12V
9V
9V_SW
5V
5V_SW
12V
BS_AODU
3.3V
2.5V
IC2001
PQ120RDA1SZ
IN
OUT
GND
ON/OFF
C2001
100uF 25V M
D2001
D1FS4-X
C2002
100uF 25V M
R2001
4.7k
D2002
MA111-X
R2004
0
Q2001
OPEN
R2002
OPEN
R2003
OPEN
Q2002
OPEN
H2101
LC31334-003B
IC2101
PQ1CG2032FZ
9V REGULATOR
Vadj
L2102
QQR1401-001
C2101
1000uF 25V M
D2102
FSQ05A04
C2102
0.1
0.1uF 25V K
C2103
1200uF 16V M
R2101
68k
0.5%
3D
R2102
10k
0.5%
C2104
OPEN
R2103
1.5k
0.5%
R2104
12k
0.5%
D2103
MTZJ11B-T2
R2107
330
R2106
OPEN
CP2101
CP
C2108
Q2101
R2105
C2107
H2251
IC2251
BS_AODU
C2251
D2251
D2252
D2253
D2254
D2255
R2251
R2252
R2253
R2254
R2255
R2256
R2257
R2258
C2252
C2253
T2251
Q2251
H2201
LC31334-003B
IC2201
PQ1CG2032FZ
5V REGULATOR
C2201
1000uF 25V M
D2202
FSQ05A04
C2202
0.1
L2202
C2203
1200uF 10V M
C2207
1200uF 10V M
R2201
33k
0.5%
R2202
10k
0.5%
C2204
OPEN
R2203
3k
0.5%
R2204
15k
0.5%
D2203
MTZJ6.8B-T2
R2205
330
R2206
330
R2207
CP2201
C2209
Q2201
OPEN
R2208
OPEN
C2208
OPEN
D2301
OPEN
R2301
47k
C2301
OPEN
R2302
OPEN
C2302
OPEN
IC2301
MP1580HS-X
C2309
2200p
R2305
10k
C2308
120P
R2303
0
R2304
68
C2304
0.01uF 50V K
D2302
EC30HA03L-X
D2303
EC30HA03L-X
L2302
15uH K
C2306
22uF
C2305
22uF
C2307
OPEN
R2307
470k
R2306
18k
0.5%
R2308
10k
0.5%
R2309
0
R2310
0
D2304
MTZJ3.9B-T2
C2310
OPEN
C2311
1000pF 50V K
C2303
10uF
D2401
MA111-X
R2401
47k
C2401
8200pF 50V K
R2402
820k
C2402
OPEN
IC2401
MP1580HS-X
NDC31HJ-121X
C2409
2200p
R2405
10k
C2408
120P
R2403
0
R2404
68
C2404
0.01uF 50V K
D2402
EC30HA03L-X
D2403
EC30HA03L-X
L2402
15uH K
C2406
22uF
C2405
22uF
C2407
OPEN
R2407
470k
R2406
12k
0.5%
R2408
10k
0.5%
R2409
0
R2410
0
D2404
MTZJ3.9B-T2
C2410
OPEN
C2411
1000pF 50V K
C2403
10uF
D2808
MA111-X
R2809
4.7k
R2810
10k
D2804
MA111-X
R2808
1.8k
R2811
1.2k
Q2803
2SC3928A/QR/-X
D2809
MA111-X
R2813
4.7k
R2814
10k
D2805
MA111-X
R2812
1k
R2815
1.2k
Q2804
2SC3928A/QR/-X
Q2802
2SC3928A/QR/-X
R2806
10k
D2803
MA111-X
R2804
8.2k
R2805
1.2k
LB PRO
SWITCH
R2803
10k
D2801
MA111-X
C2801
1/16
CB2
R2801
4.7k
R2807
8.2k
R2802
1.2k
D2802
MA8051/M/-X
Q2801
2SC3928A/QR/-X

DIFFERENCE LIS

	SRP-2021A	SRP-2022A
R2105	NRS12BJ -101W	OPEN
C2107	QETN1HM -105Z	OPEN
CN2CV3	QGA2001F1 -03	OPEN
C2252	OPEN	OPEN
C2253	OPEN	OPEN
D2251	OPEN	OPEN
D2252	OPEN	OPEN
D2253	OPEN	OPEN
D2254	OPEN	OPEN
D2255	OPEN	OPEN
H2251	OPEN	OPEN
IC2251	OPEN	OPEN
L2202	QQR1401 -001	QQR1401 -001
Q2251	OPEN	OPEN
R2251	OPEN	OPEN
R2252	OPEN	OPEN
R2253	OPEN	OPEN
R2254	OPEN	OPEN
R2255	OPEN	OPEN
R2256	OPEN	OPEN
R2257	OPEN	OPEN
R2258	OPEN	OPEN
T2251	OPEN	OPEN
CP2101	ICP-S2.3-X	OPEN
Q2101	2SC3074 /QY/-X	OPEN
CP2201	ICP-S2.3-X	OPEN
R2207	NRSA02J -0R0X	OPEN
C2108	0.01/50	OPEN
C2209	0.01/50	OPEN
C2103	QEZ0255 -128	QEZ0255 -128
C2203	QEZ0256 -128	QEZ0256 -128
C2207	QEZ0256 -128	QEZ0256 -128
R2712	OPEN	OPEN
R2904	0	0
R2905	0	0
C2251	OPEN	OPEN

REGULATOR PWB ASS'Y

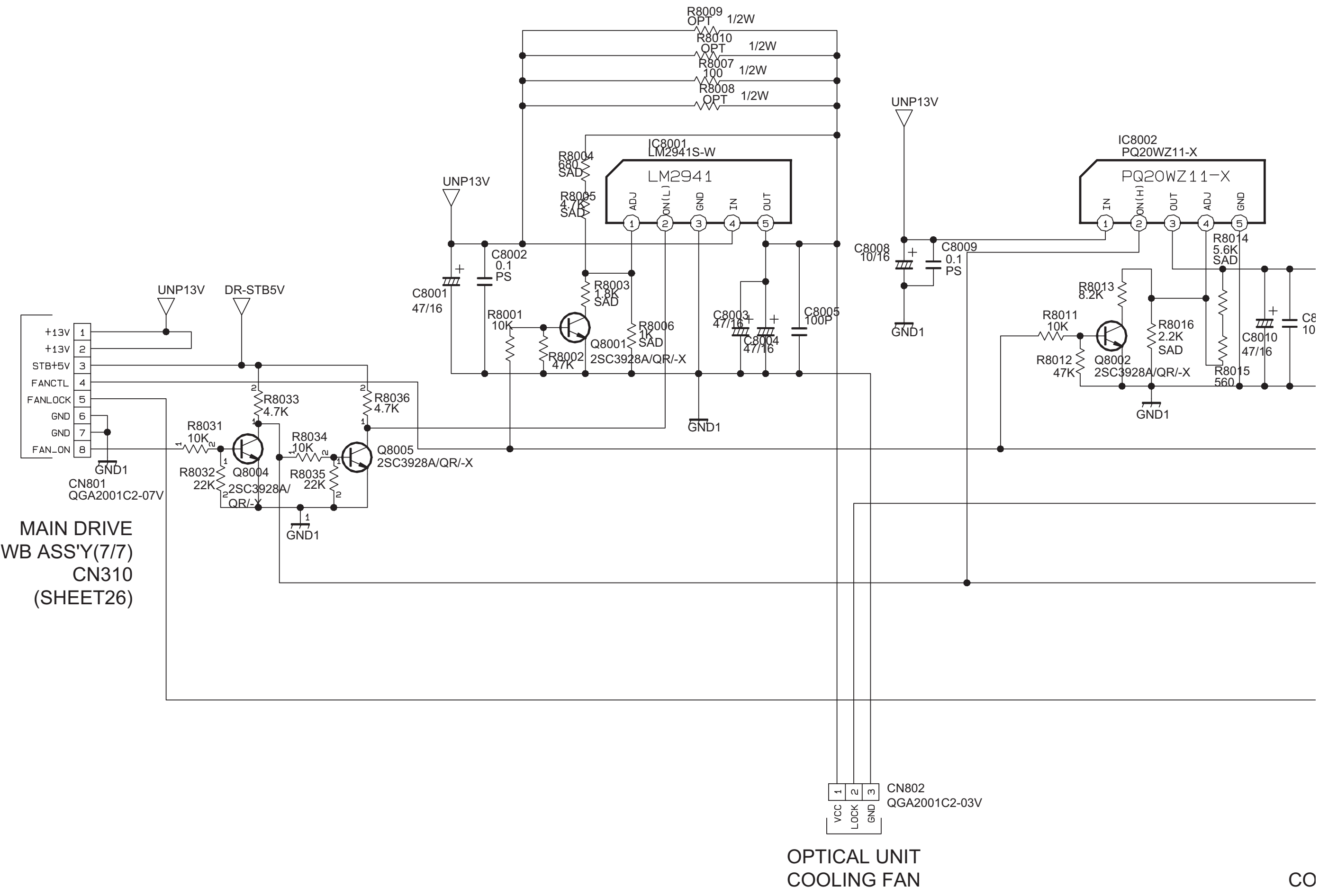
SRP-2022A-M2 [HD-61Z786, HD-61Z886]
SRP-2021A-M2 [HD-70G886]


R/-X
R2703 12k
R2702 100
R2701 100
R2712 *
R2704 10k
D2701 MA8051/M/-X
GND2
IC2702 BA50BC0FP-X
IC2701 M62320FP-X
16 15 14 13 12 11 10 9
1 2 3 4 5 6 7 8
C2701 1/16 CB2
C2703 100/25
C2704 100/16
C2705 OPEN
C2706 OPEN
R2705 100
R2706 100
R2707 100
R2708 100
LB_POW
LB_PRO
R2816 10k
D2807 MA111-X
R2818 100k
R2819 100
R2820 47k
R2817 4.7k
Q2806 UN2213-X
Q2807 UN2213-X
D2806 MA8051/M/-X
Q2805 2SA1530A/QR/-X
C2802 100uF 16V M
CN2CV3
CARD VIEWER PWB ASS'Y(2/2) CN8CV3 (SHEET38)
9V_SW
5V_SW
1 9V_SW
2 GND
3 5V_SW
CN20D
QGA2001F1-12
ANALOG SIGNAL PWB ASS'Y(5/5) CN00D (SHEET8)
BT32V
12V
9V
5V
C2005 OPEN
1 BT32V
2 12V
3 GND
4 9V
5 GND
6 5V
7 GND
8 3.3V
9 GND
10 SDA3B5
11 SCL3B5
12 GND
C2003 1000p
R2901 0
CN203
QGA2001C1-15
DIGITAL SIGNAL PWB ASS'Y(11/11) CN003 (SHEET19)
BT32V
BS_AODU
9V
5V
3.3V
2.5V
C2006 OPEN
1 BT32V
2 BS_AODU
3 GND
4 9V
5 5V
6 GND
7 3.3V
8 2.5V
9 GND
10 13.5V
11 LCD5V
12 LCD5V
13 LB_POW
14 POW_PORT/LB_PRO
15 GND
R2821 0
R2822 OPEN
R2823 OPEN
R2824 0
NCB31HK-102X
NCB31HK-102X
C2106 1000p
C2206 1000p
R2904 *
R2902 0
R2903 0
CN2UP
OPEN
1 UK2.5V
2 BT32V
3 UK12V
4 GND
5 GND
6 5V
7 UK3.3V
BT32V
UK_12V
5V
D2501 OPEN
R2501 OPEN
C2501 OPEN
R2502 OPEN
C2502 OPEN
ON/OFF
Vadj
IN
OUT
GND
C2509 OPEN
R2505 OPEN
C2508 OPEN
R2503 OPEN
IC2501 OPEN
L2502 OPEN
C2506 OPEN
R2507 OPEN
R2509 OPEN
R2510 OPEN
UK_3.3V
R2504 OPEN
C2504 OPEN
C2505 OPEN
C2507 OPEN
R2506 OPEN
R2508 OPEN
D2504 OPEN
C2510 OPEN
C2511 OPEN
C2503 OPEN
D2502 OPEN
D2503 OPEN
D2601 OPEN
R2601 OPEN
C2601 OPEN
R2602 OPEN
C2602 OPEN
C2609 OPEN
R2605 OPEN
C2608 OPEN
R2603 OPEN
IC2601 OPEN
L2602 OPEN
C2606 OPEN
R2607 OPEN
R2609 OPEN
R2610 OPEN
UK_2.5V
R2604 OPEN
C2604 OPEN
C2605 OPEN
C2607 OPEN
R2606 OPEN
R2608 OPEN
D2604 OPEN
C2610 OPEN
C2611 OPEN
C2603 OPEN
D2602 OPEN
D2603 OPEN
5V

ENCE LIST

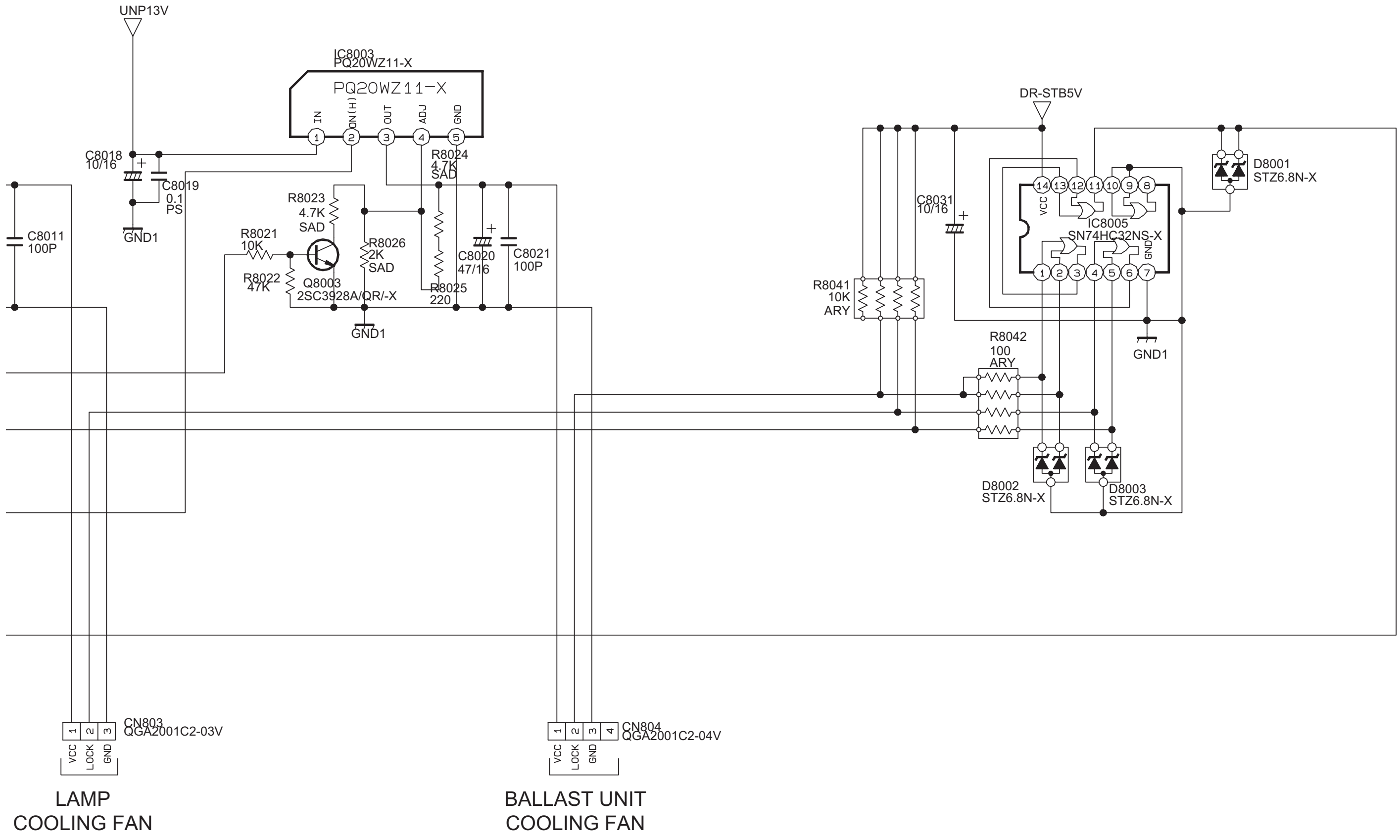
P-2022A	SRP-2023A	SRP-2024A
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
OPEN	OPEN	QETN1EM -107Z
OPEN	OPEN	QETN1EM -107Z
OPEN	OPEN	RGP10J -5025-T3
OPEN	OPEN	RGP10J -5025-T3
OPEN	OPEN	MA111-X
OPEN	OPEN	MA111-X
OPEN	OPEN	D1FS4-X
OPEN	OPEN	LC31334 -003B
OPEN	OPEN	SI-3025B -F1
QR1401 -001	QQR1401 -001	OPEN
OPEN	OPEN	UN2213-X
OPEN	OPEN	NRSA63D -123X
OPEN	OPEN	NRSA63D -102X
OPEN	OPEN	NRSA63D -331X
OPEN	OPEN	NRSA63D -332X
OPEN	OPEN	NRSA63D -822X
OPEN	OPEN	NRSA63D -221X
OPEN	OPEN	NRSA63J -472X
OPEN	OPEN	NRS12BJ -223W
OPEN	OPEN	V•”•i
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
OPEN	OPEN	OPEN
Z0255 -128	QEHR1CM -108Z	QEHR1CM -108Z
Z0256 -128	QEHR1AM -228Z	QEHR1AM -228Z
Z0256 -128	OPEN	OPEN
OPEN	OPEN	100
0	0	OPEN
0	0	OPEN
OPEN	OPEN	QENC1EM -336Z

FAN CONTROL PWB CIRCUIT DIAGRAM SHEET30


R8009
OPT 1/2W
R8010
OPT 1/2W
R8007
100 1/2W
R8008
OPT 1/2W
UNP13V
IC8001
LM2941S-W
LM2941
ADJ
ON(L)
GND
IN
OUT
R8004
680
SAD
R8005
4.7K
SAD
UNP13V
C8002
0.1
PS
C8001
47/16
R8003
1.8K
SAD
R8001
10K
R8002
47K
Q8001
2SC3928A/QR/-X
R8006
1K
SAD
C8003
47/16
C8004
47/16
C8005
100P
GND1
IC8002
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
C8008
10/16
C8009
0.1
PS
GND1
R8014
5.6K
SAD
R8013
8.2K
R8011
10K
R8016
2.2K
SAD
R8012
47K
Q8002
2SC3928A/QR/-X
C8010
47/16
R8015
560
GND1
UNP13V
DR-STB5V
+13V
+13V
STB+5V
FANCTL
FANLOCK
GND
GND
FAN_ON
GND1
CN801
QGA2001C2-07V
R8033
4.7K
R8036
4.7K
R8031
10K
R8034
10K
Q8005
2SC3928A/QR/-X
R8032
22K
Q8004
2SC3928A/
QR/-X
R8035
22K
GND1
MAIN DRIVE
PWB ASS'Y(7/7)
CN310
(SHEET26)
CN802
QGA2001C2-03V
VCC
LOCK
GND
OPTICAL UNIT
COOLING FAN
CO

FAN CONTROL PWB ASS'Y

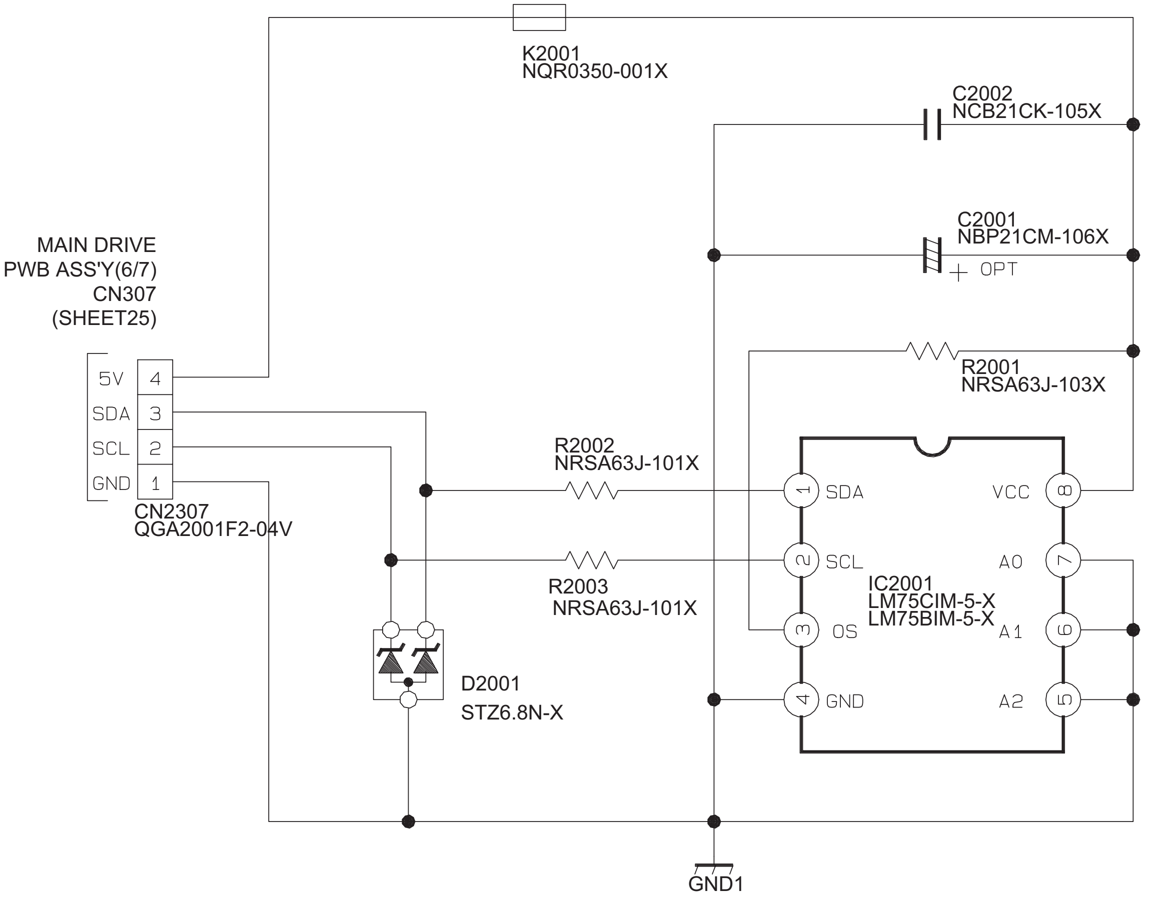
SRP-8106-M2



UNP13V
IC8003
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
1
2
3
4
5
C8018
10/16
C8019
0.1
PS
GND1
C8011
100P
R8021
10K
R8022
47K
R8023
4.7K
SAD
Q8003
2SC3928A/QR/-X
R8026
2K
SAD
R8024
4.7K
SAD
R8025
220
C8020
47/16
C8021
100P
GND1
DR-STB5V
C8031
10/16
R8041
10K
ARY
R8042
100
ARY
IC8005
SN74HC32NS-X
VCC
GND
14
13
12
11
10
9
8
1
2
3
4
5
6
7
GND1
D8001
STZ6.8N-X
D8002
STZ6.8N-X
D8003
STZ6.8N-X
CN803
QGA2001C2-03V
VCC
LOCK
GND
CN804
QGA2001C2-04V
VCC
LOCK
GND
LAMP
COOLING FAN
BALLAST UNIT
COOLING FAN

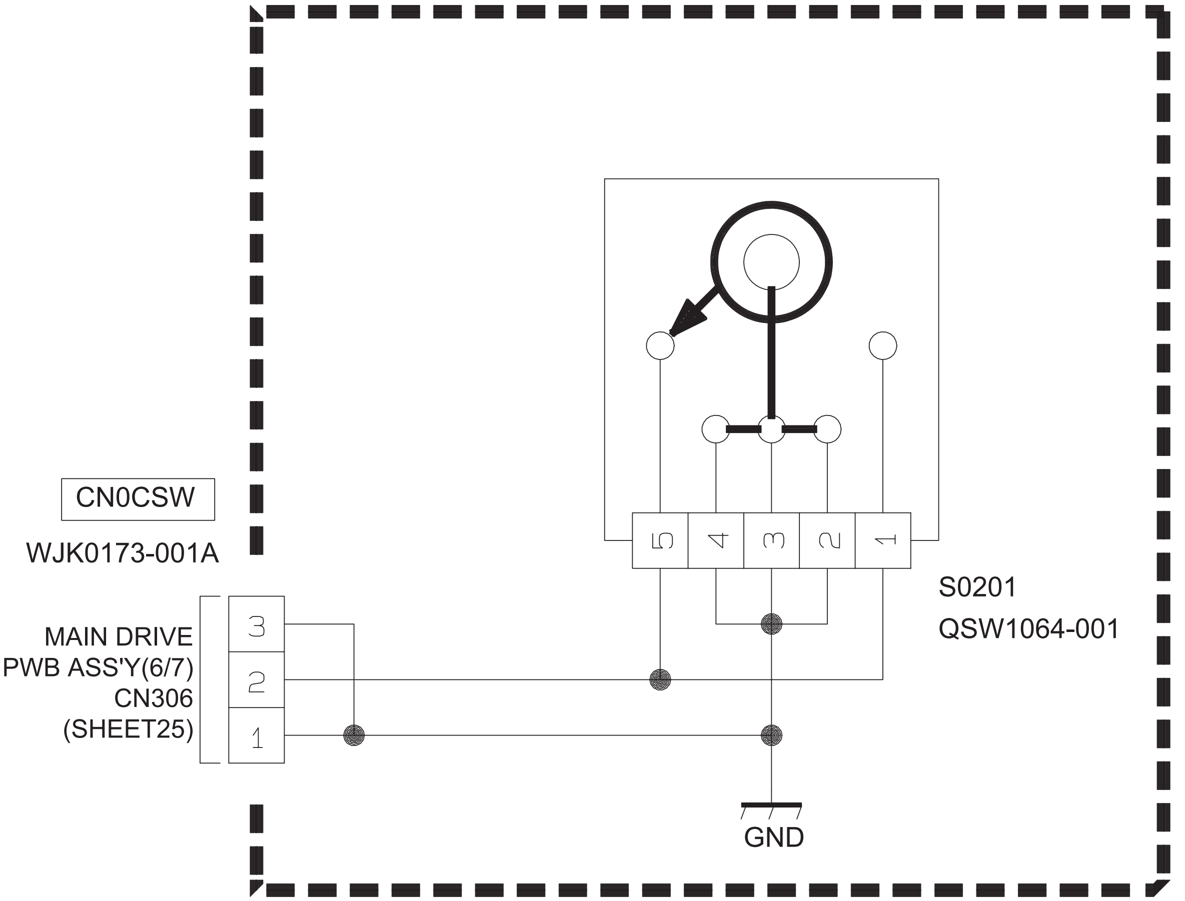
c10330001a001_0120_1/1_0.0

TEMP SENSOR PWB ASS'Y
SRP-8206A-M2

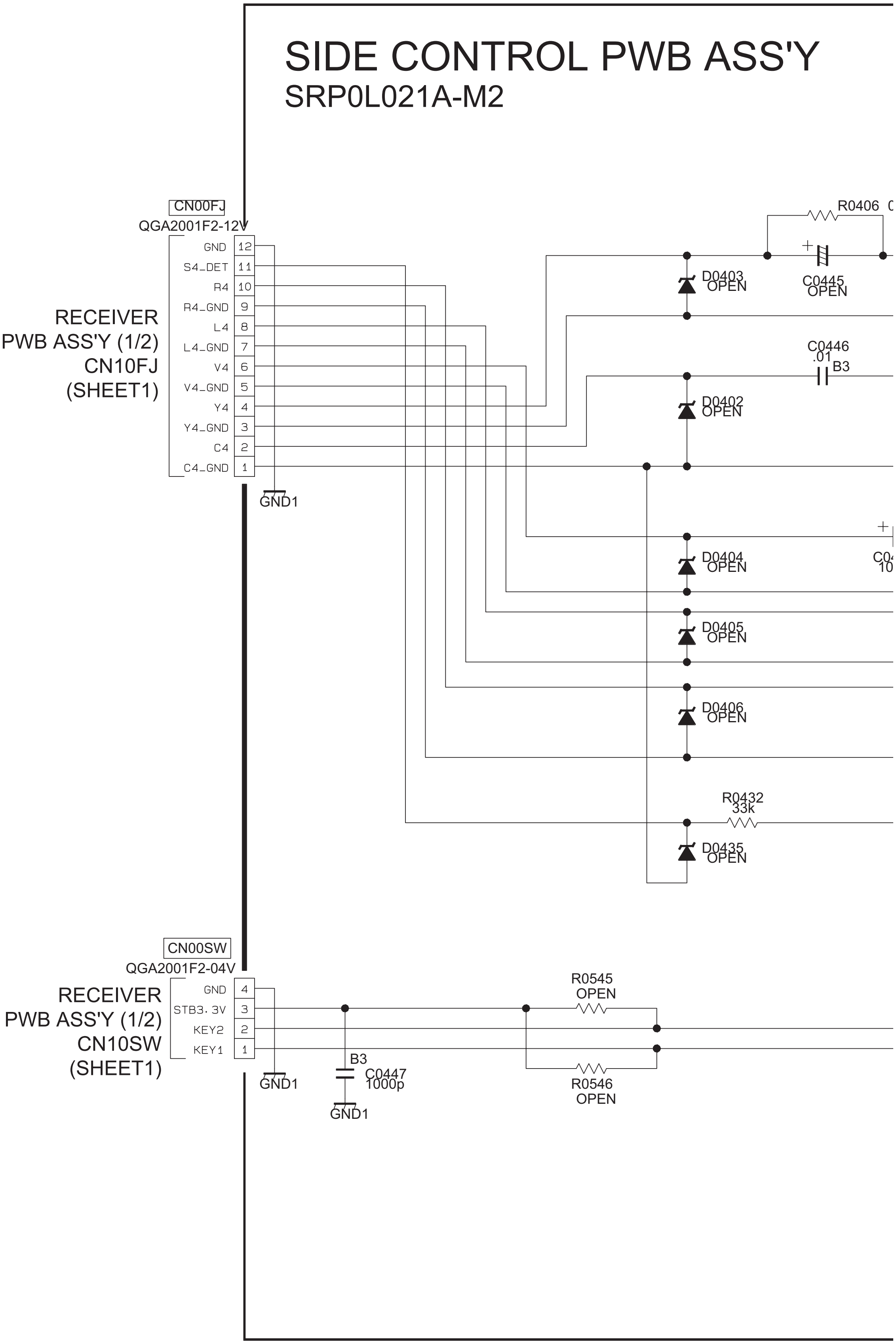

K2001
NQR0350-001X
C2002
NCB21CK-105X
C2001
NBP21CM-106X
OPT
MAIN DRIVE
PWB ASS'Y(6/7)
CN307
(SHEET25)
5V 4
SDA 3
SCL 2
GND 1
CN2307
QGA2001F2-04V
R2001
NRSA63J-103X
R2002
NRSA63J-101X
R2003
NRSA63J-101X
1 SDA
2 SCL
3 OS
4 GND
VCC 8
A0 7
A1 6
A2 5
IC2001
LM75CIM-5-X
LM75BIM-5-X
D2001
STZ6.8N-X
GND1

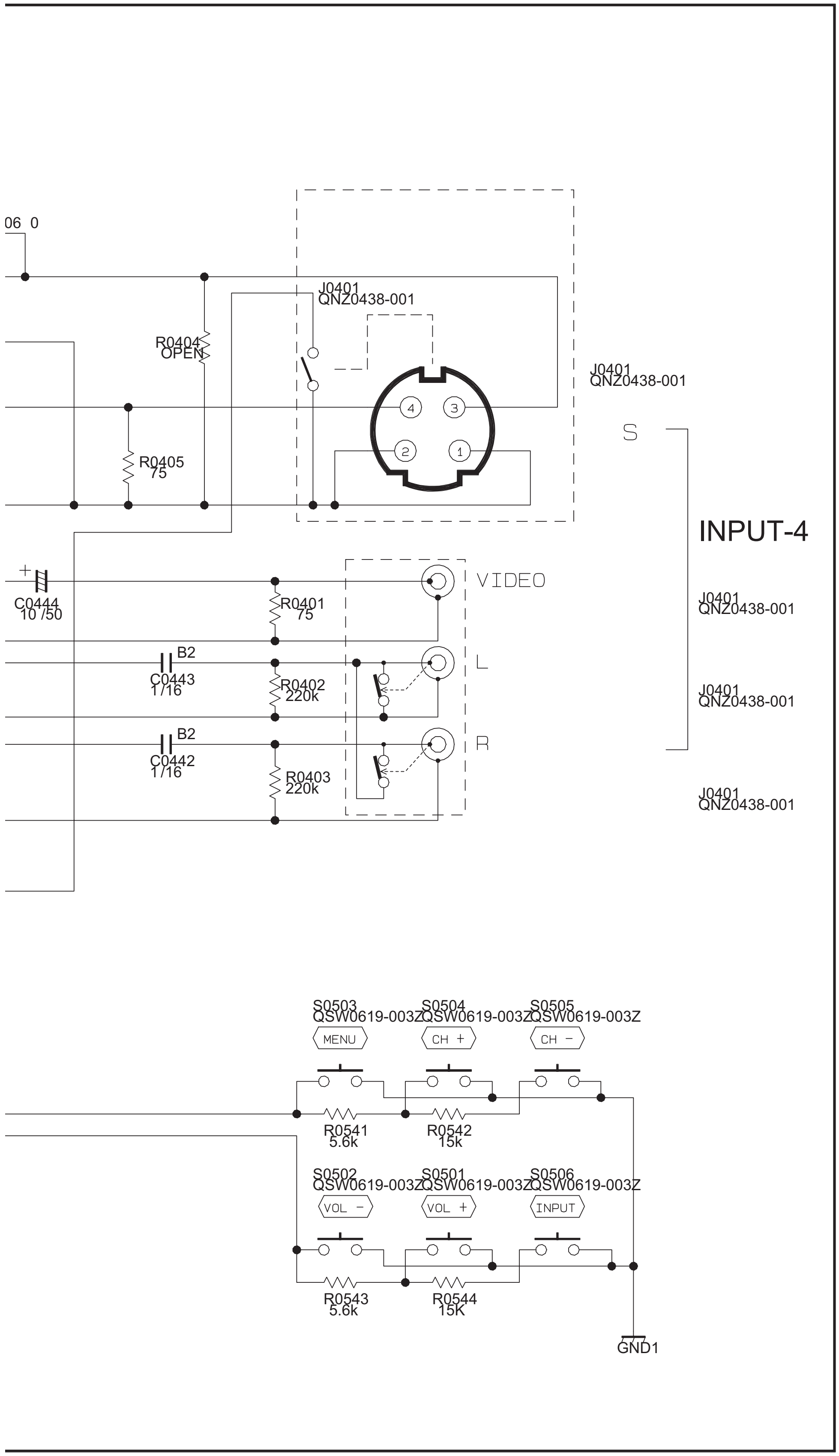
c40066001a001_0118_1/1_0.0

LAMP COVER SW PWB ASS'Y
SRP0L205A-M2


CN0CSW
WJK0173-001A
MAIN DRIVE
PWB ASS'Y(6/7)
CN306
(SHEET25)
3
2
1
5
4
3
2
1
S0201
QSW1064-001
GND

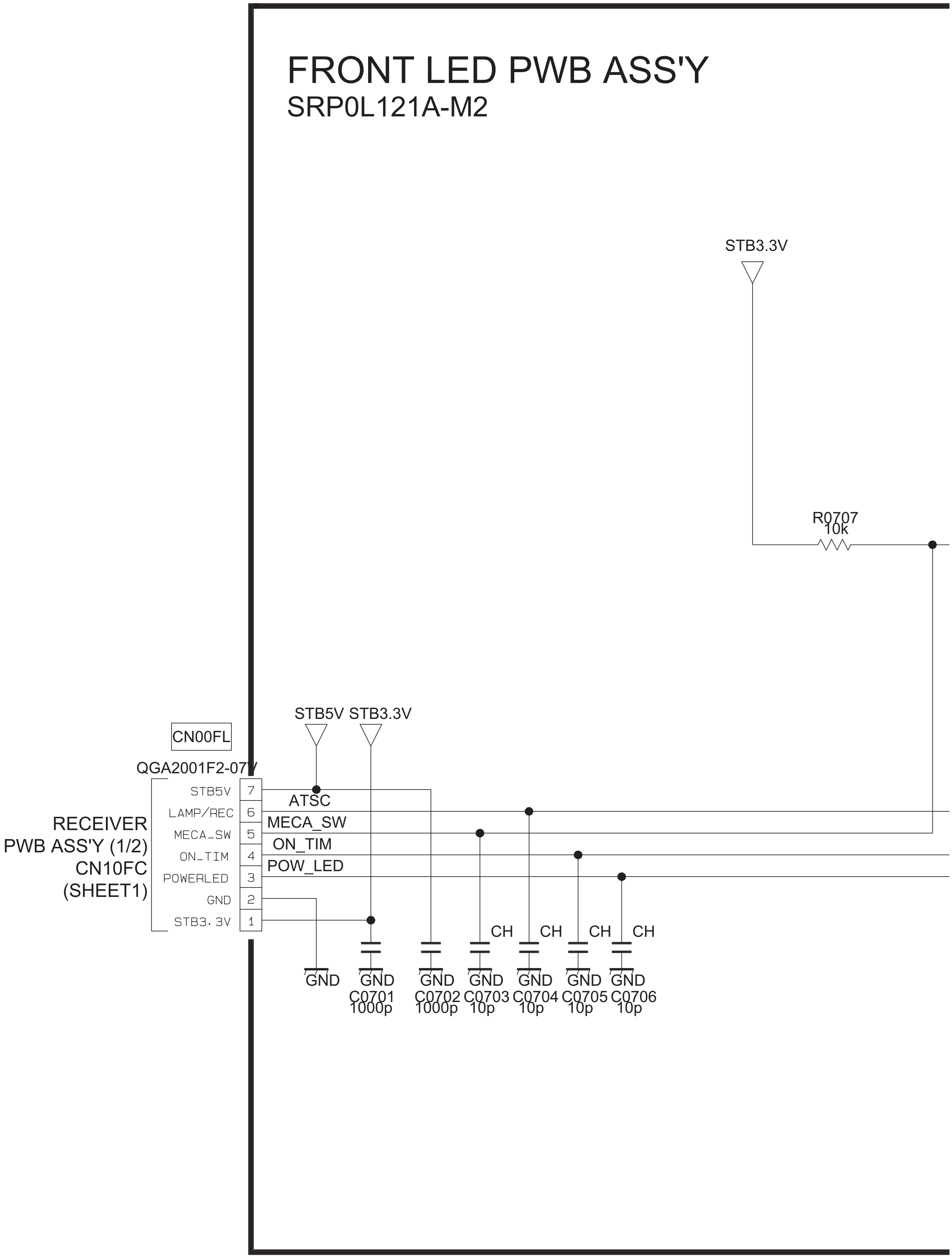
c40048001a001_0216_1/1_0.0


SIDE CONTROL PWB ASS'Y
SRP0L021A-M2
CN00FJ
QGA2001F2-12V
RECEIVER
PWB ASS'Y (1/2)
CN10FJ
(SHEET1)
GND 12
S4_DET 11
R4 10
R4_GND 9
L4 8
L4_GND 7
V4 6
V4_GND 5
Y4 4
Y4_GND 3
C4 2
C4_GND 1
GND1
R0406
D0403
OPEN
C0445
OPEN
C0446
.01
B3
D0402
OPEN
D0404
OPEN
D0405
OPEN
D0406
OPEN
R0432
33k
D0435
OPEN
CN00SW
QGA2001F2-04V
RECEIVER
PWB ASS'Y (1/2)
CN10SW
(SHEET1)
GND 4
STB3.3V 3
KEY2 2
KEY1 1
GND1
B3
C0447
1000p
GND1
R0545
OPEN
R0546
OPEN

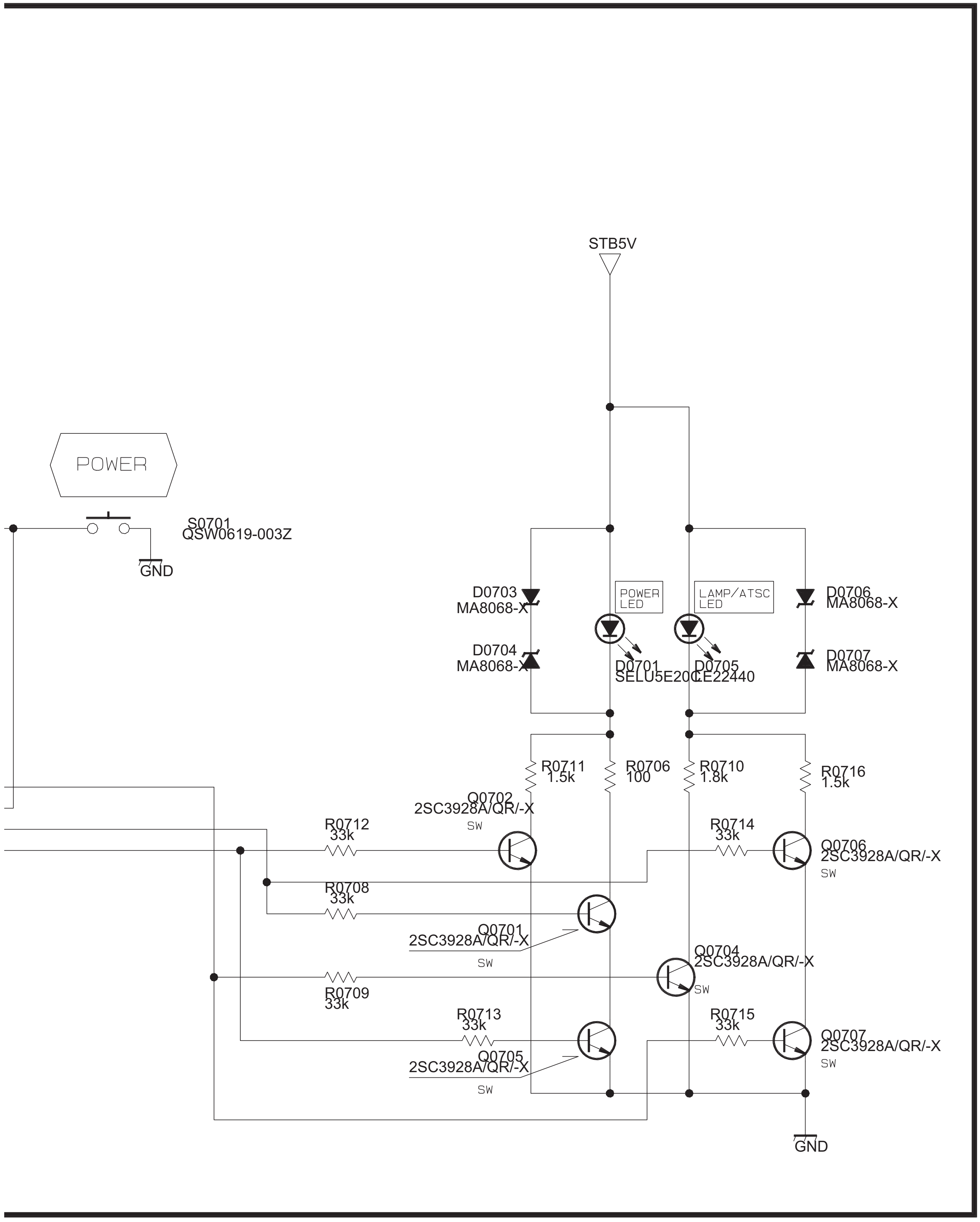

06 0
J0401
QNZ0438-001
R0404
OPEN
R0405
75
J0401
QNZ0438-001
S
INPUT-4
C0444
10 /50
R0401
75
VIDEO
J0401
QNZ0438-001
B2
C0443
1/16
R0402
220k
L
J0401
QNZ0438-001
B2
C0442
1/16
R0403
220k
R
J0401
QNZ0438-001
S0503
QSW0619-003Z
MENU
S0504
QSW0619-003Z
CH +
S0505
QSW0619-003Z
CH −
R0541
5.6k
R0542
15k
S0502
QSW0619-003Z
VOL −
S0501
QSW0619-003Z
VOL +
S0506
QSW0619-003Z
INPUT
R0543
5.6k
R0544
15K
GND1
4
3
2
1

c30158001a001_0216_1/1_0.0

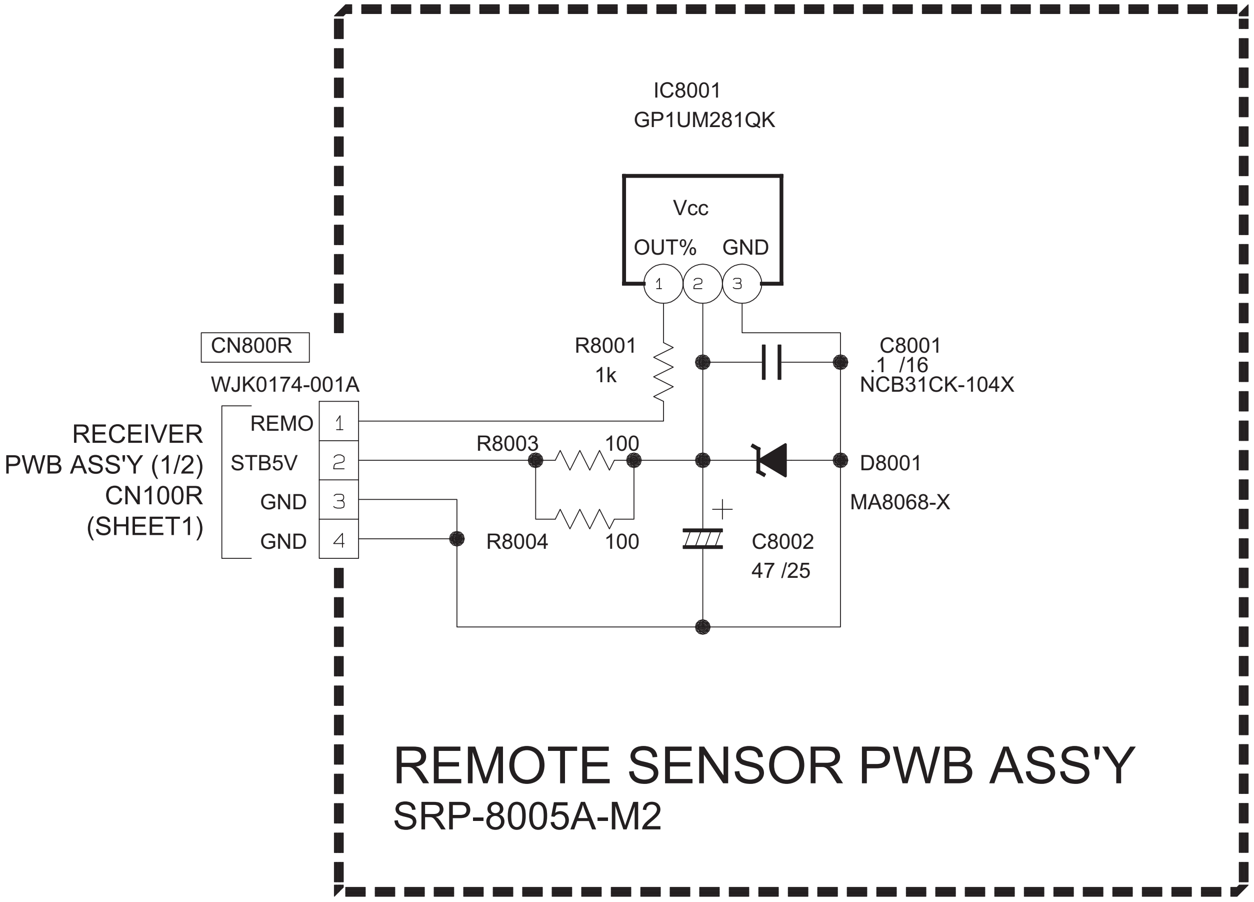
FRONT LED PWB CIRCUIT DIAGRAM SHEET34



FRONT LED PWB ASS'Y
SRP0L121A-M2
STB3.3V
R0707
10k
STB5V
STB3.3V
CN00FL
QGA2001F2-07V
STB5V
LAMP/REC
MECA_SW
ON_TIM
POWERLED
GND
STB3.3V
7
6
5
4
3
2
1
ATSC
MECA_SW
ON_TIM
POW_LED
RECEIVER
PWB ASS'Y (1/2)
CN10FC
(SHEET1)
CH
CH
CH
CH
GND
GND
GND
GND
GND
GND
GND
C0701
1000p
C0702
1000p
C0703
10p
C0704
10p
C0705
10p
C0706
10p


STB5V
POWER
S0701
QSW0619-003Z
GND
D0703
MA8068-X
D0704
MA8068-X
POWER LED
D0701
SELU5E20C
LAMP/ATSC LED
D0705
LE22440
D0706
MA8068-X
D0707
MA8068-X
R0711
1.5k
R0706
100
R0710
1.8k
R0716
1.5k
Q0702
2SC3928A/QR/-X
SW
R0712
33k
R0714
33k
Q0706
2SC3928A/QR/-X
SW
R0708
33k
Q0701
2SC3928A/QR/-X
SW
Q0704
2SC3928A/QR/-X
SW
R0709
33k
R0713
33k
R0715
33k
Q0707
2SC3928A/QR/-X
SW
Q0705
2SC3928A/QR/-X
SW
GND

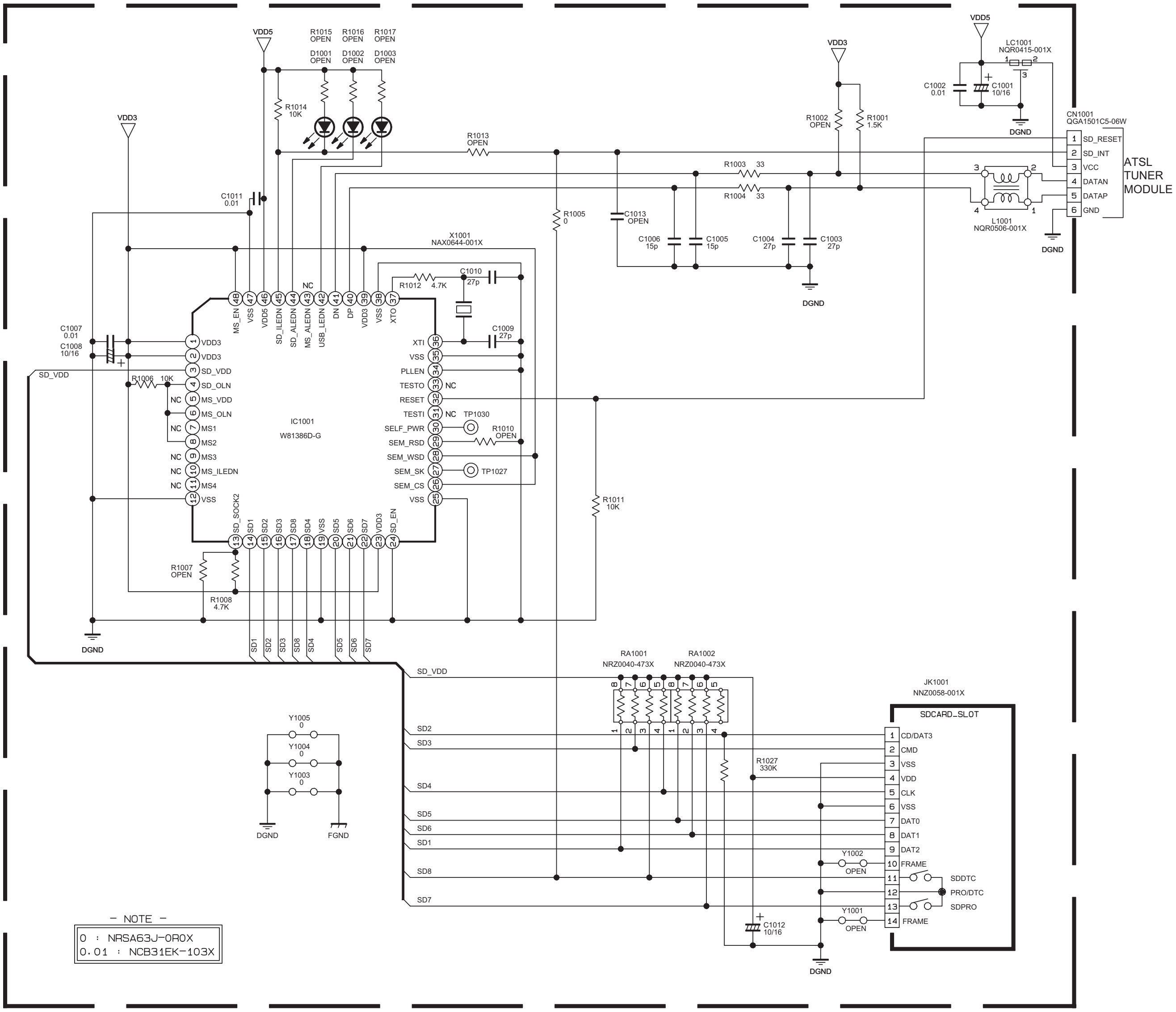
REMOTE SENSOR PWB CIRCUIT DIAGRAM SHEET35


IC8001
GP1UM281QK
Vcc
OUT%
GND
1
2
3
CN800R
WJK0174-001A
R8001
1k
C8001
.1 /16
NCB31CK-104X
RECEIVER
PWB ASS'Y (1/2)
CN100R
(SHEET1)
REMO
STB5V
GND
GND
1
2
3
4
R8003
100
D8001
MA8068-X
R8004
100
C8002
47 /25
REMOTE SENSOR PWB ASS'Y
SRP-8005A-M2

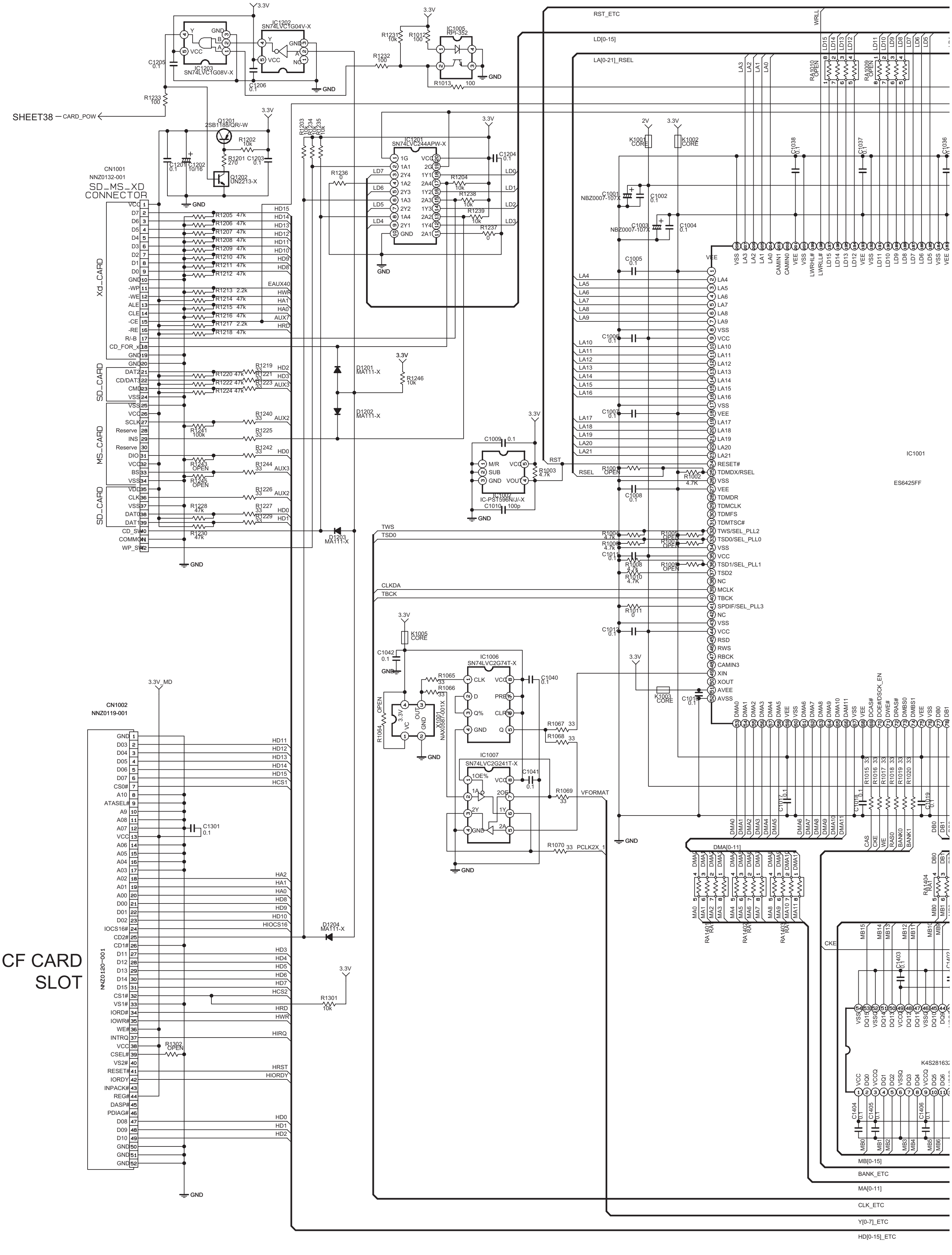
c40049-001a001._0216_1/1_0.0

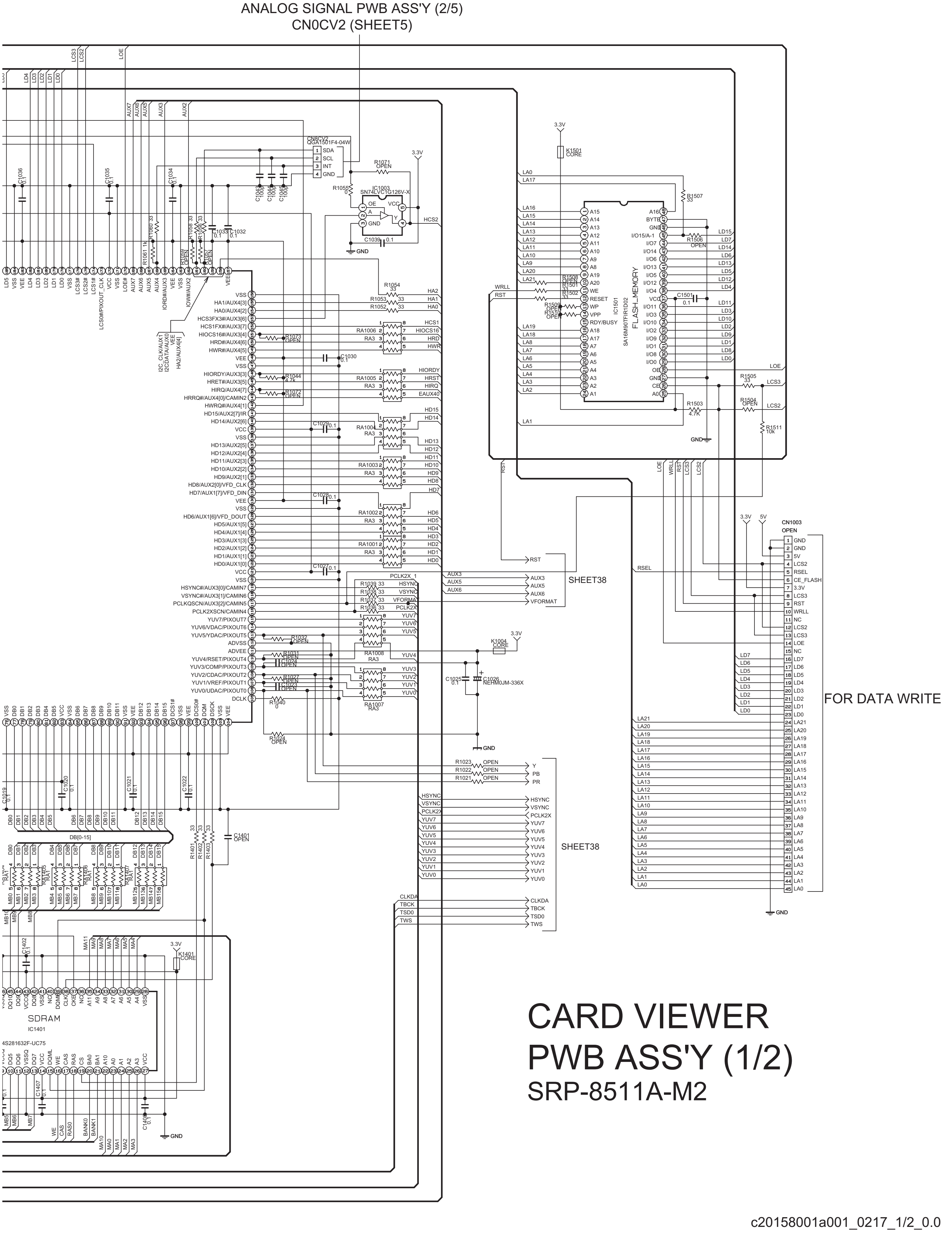
SD CARD PWB ASS'Y

SRP-8510A-M2


VDD5
R1015 OPEN
R1016 OPEN
R1017 OPEN
D1001 OPEN
D1002 OPEN
D1003 OPEN
R1014 10K
R1013 OPEN
VDD3
C1011 0.01
X1001 NAX0644-001X
C1010 27p
R1012 4.7K
C1009 27p
C1007 0.01
C1008 10/16
SD_VDD
R1006 10K
IC1001
W81386D-G
MS_EN 48
VSS 47
VDD5 46
SD_ILEDN 45
SD_ALEDN 44
MS_ALEDN 43
USB_LEDN 42
DN 41
DP 40
VDD3 39
VSS 38
XTO 37
NC
1 VDD3
2 VDD3
3 SD_VDD
4 SD_OLN
5 MS_VDD
6 MS_OLN
7 MS1
8 MS2
9 MS3
10 MS_ILEDN
11 MS4
12 VSS
36 XTI
35 VSS
34 PLLEN
33 TESTO
32 RESET
31 TESTI
30 SELF_PWR
29 SEM_RSD
28 SEM_WSD
27 SEM_SK
26 SEM_CS
25 VSS
TP1030
TP1027
R1010 OPEN
13 SD_SOCK2
14 SD1
15 SD2
16 SD3
17 SD8
18 SD4
19 VSS
20 SD5
21 SD6
22 SD7
23 VDD3
24 SD_EN
R1007 OPEN
R1008 4.7K
R1011 10K
R1005 0
DGND
SD1 SD2 SD3 SD8 SD4 SD5 SD6 SD7
R1002 OPEN
R1001 1.5K
R1003 33
R1004 33
C1013 OPEN
C1006 15p
C1005 15p
C1004 27p
C1003 27p
LC1001 NQR0415-001X
C1002 0.01
C1001 10/16
CN1001 QGA1501C5-06W
1 SD_RESET
2 SD_INT
3 VCC
4 DATAN
5 DATAP
6 GND
ATSL TUNER MODULE
L1001 NQR0506-001X
RA1001 NRZ0040-473X
RA1002 NRZ0040-473X
JK1001 NNZ0058-001X
SDCARD_SLOT
1 CD/DAT3
2 CMD
3 VSS
4 VDD
5 CLK
6 VSS
7 DAT0
8 DAT1
9 DAT2
10 FRAME
11
12
13
14 FRAME
SDDTC
PRO/DTC
SDPRO
R1027 330K
C1012 10/16
Y1002 OPEN
Y1001 OPEN
Y1005 0
Y1004 0
Y1003 0
FGND
SD_VDD
SD2 SD3 SD4 SD5 SD6 SD1 SD8 SD7
- NOTE -
0 : NRSA63J-0R0X
0.01 : NCB31EK-103X

CARD VIEWER PWB CIRCUIT DIAGRAM (1/2) SHEET37 [HD-70G886]

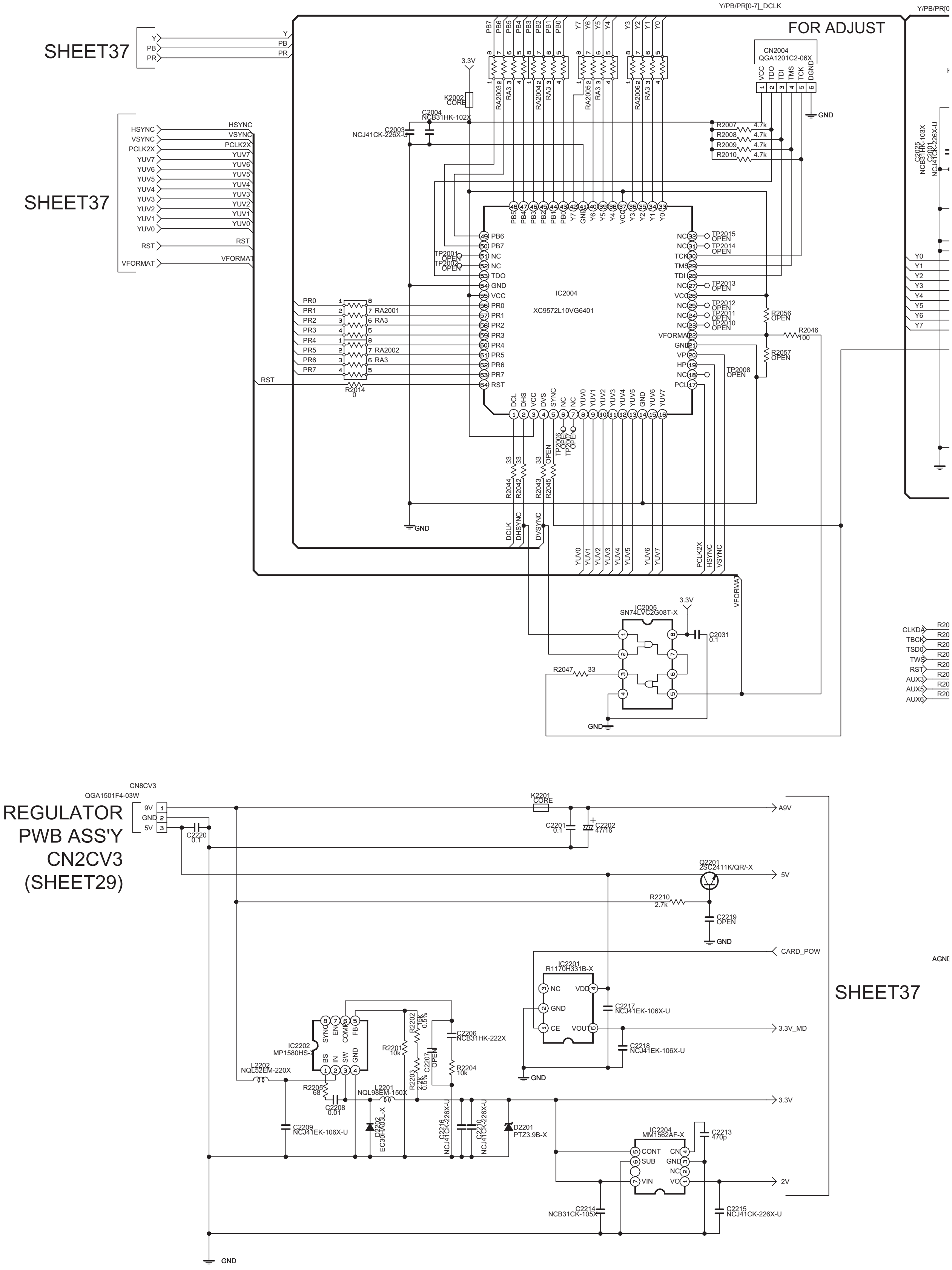

SHEET38
CARD_POW
IC1203
SN74LVC1G08V-X
IC1202
SN74LVC1G04V-X
IC1005
RPI-352
Q1201
2SB1188/QR/-W
Q1202
UN2213-X
IC1201
SN74LVC244APW-X
CN1001
NNZ0132-001
SD_MS_XD
CONNECTOR
Xd_CARD
SD_CARD
MS_CARD
IC1002
IC-PST596NJ/-X
D1201
MA111-X
D1202
MA111-X
D1203
MA111-X
D1204
MA111-X
IC1006
SN74LVC2G74T-X
IC1007
SN74LVC2G241T-X
X1001
NAX0307-001X
CN1002
NNZ0119-001
NNZ0120-001
CF CARD
SLOT
IC1001
ES6425FF
K4S281632
RST_ETC
LD[0-15]
LA[0-21]_RSEL
WRLL
TWS
TSD0
CLKDA
TBCK
VFORMAT
PCLK2X_1
DMA[0-11]
MB[0-15]
BANK_ETC
MA[0-11]
CLK_ETC
Y[0-7]_ETC
HD[0-15]_ETC
3.3V
3.3V_MD
2V
GND


ANALOG SIGNAL PWB ASS'Y (2/5)
CN0CV2 (SHEET5)
CN8CV2
QGA1501F4-04W
SDA
SCL
INT
GND
R1071 OPEN
IC1003
SN74LVC1G126V-X
HCS2
3.3V
K1501 CORE
R1507 33
IC1501
SA16M90TFR1D02
FLASH_MEMORY
R1506 OPEN
C1501 0.1
R1505 33
R1504 OPEN
R1503 4.7K
R1511 10K
LOE
LCS3
LCS2
WRLL
RST
RSEL
CN1003 OPEN
GND
5V
LCS2
RSEL
CE_FLASH
3.3V
LCS3
RST
WRLL
NC
LOE
LD7
LD6
LD5
LD4
LD3
LD2
LD1
LD0
LA21
LA20
LA19
LA18
LA17
LA16
LA15
LA14
LA13
LA12
LA11
LA10
LA9
LA8
LA7
LA6
LA5
LA4
LA3
LA2
LA1
LA0
FOR DATA WRITE
SHEET38
AUX3
AUX5
AUX6
VFORMAT
Y
PB
PR
HSYNC
VSYNC
PCLK2X
YUV7
YUV6
YUV5
YUV4
YUV3
YUV2
YUV1
YUV0
CLKDA
TBCK
TSD0
TWS
K1004 CORE
C1025 0.1
C1026 NEHM0JM-336X
SDRAM
IC1401
4S281632F-UC75
K1401 CORE
C1401 OPEN
DB[0-15]

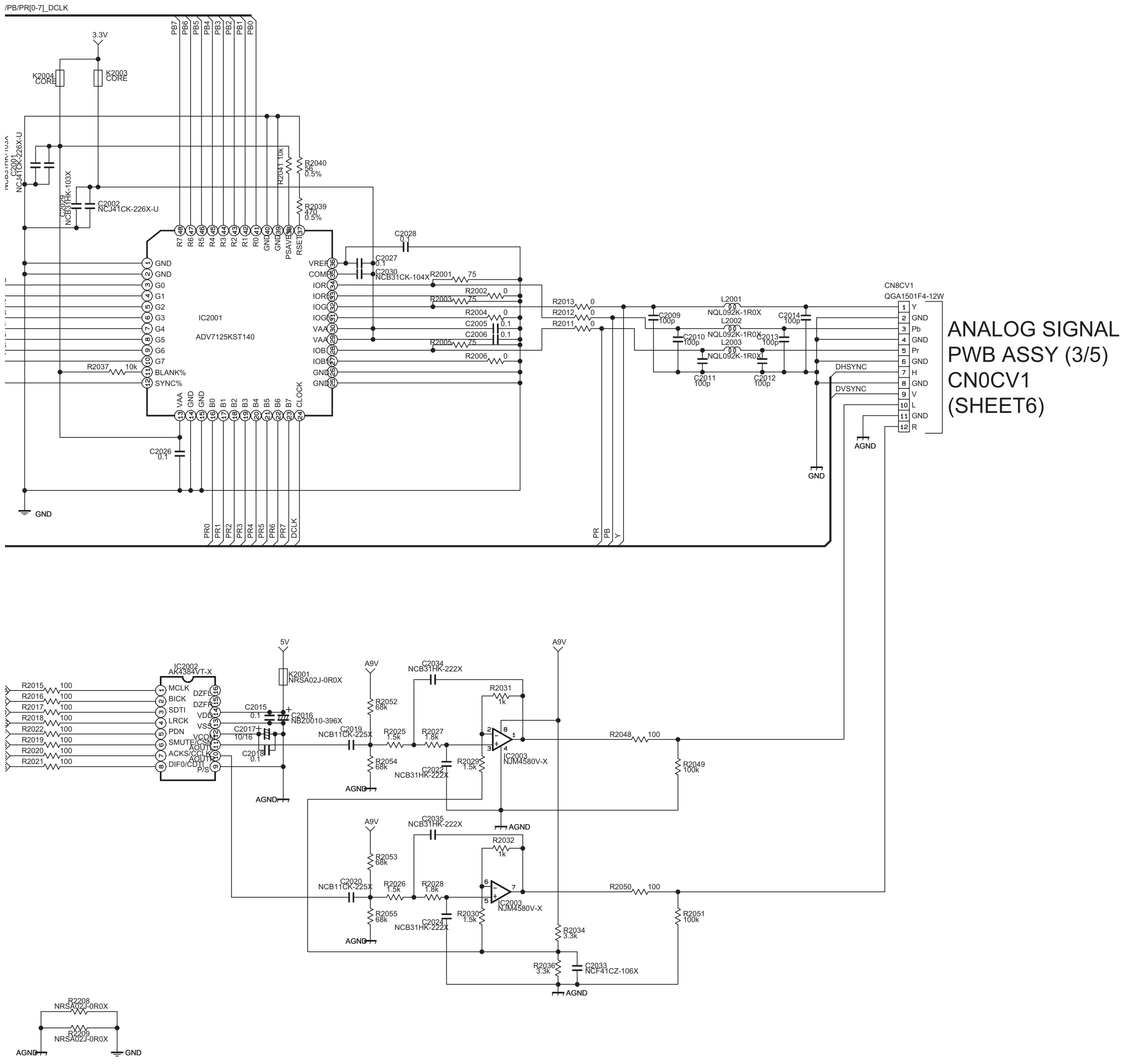
CARD VIEWER PWB ASS'Y (1/2)

SRP-8511A-M2

CARD VIEWER PWB CIRCUIT DIAGRAM (2/2) SHEET38 [HD-70Z886]



Y/PB/PR[0-7]_DCLK
FOR ADJUST
SHEET37
Y
PB
PR
3.3V
K2002 CORE
C2004 NCB31HK-102X
C2003 NCJ41CK-226X-U
RA2003
RA2004
RA2005
RA2006
RA3
CN2004 QGA1201C2-06X
VCC
TDO
TDI
TMS
TCK
DGND
GND
R2007 4.7k
R2008 4.7k
R2009 4.7k
R2010 4.7k
HSYNC
VSYNC
PCLK2X
YUV7
YUV6
YUV5
YUV4
YUV3
YUV2
YUV1
YUV0
RST
VFORMAT
IC2004
XC9572L10VG6401
TP2015 OPEN
TP2014 OPEN
TP2013 OPEN
TP2012 OPEN
TP2011 OPEN
TP2010 OPEN
TP2008 OPEN
TP2001 OPEN
TP2002 OPEN
R2056 OPEN
R2046 100
R2057 OPEN
PR0
PR1
PR2
PR3
PR4
PR5
PR6
PR7
RA2001
RA2002
R2014 0
DCL
DHS
DVS
SYNC
R2044 33
R2042 33
R2043 33
R2045 OPEN
DCLK
DHSYNC
DVSYNC
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
IC2005 SN74LVC2G08T-X
C2031 0.1
R2047 33
CLKDA
TBCK
TSD0
TWS
AUX3
AUX5
AUX6
REGULATOR PWB ASS'Y CN2CV3 (SHEET29)
CN8CV3
QGA1501F4-03W
9V
5V
C2220 0.1
K2201 CORE
C2201 0.1
C2202 47/16
A9V
Q2201 2SC2411K/QR/-X
R2210 2.7k
C2219 OPEN
CARD_POW
IC2201 R1170H331B-X
NC
VDD
CE
VOUT
C2217 NCJ41EK-106X-U
C2218 NCJ41EK-106X-U
3.3V_MD
SHEET37
AGND
IC2202 MP1580HS-X
BS
IN
SW
EN
COMP
FB
L2202 NQL52EM-220X
R2205 68
C2208 0.01
C2209 NCJ41EK-106X-U
L2201 NQL98EM-150X
D2202 EC30HA03L-X
R2201 10k
R2202 15k 0.5%
R2203 2.2k 0.5%
C2207 OPEN
C2206 NCB31HK-222X
R2204 10K
C2216 NCJ41CK-226X-U
C2210 NCJ41CK-226X-U
D2201 PTZ3.9B-X
IC2204 MM1562AF-X
CONT
SUB
VIN
VO
C2213 470p
C2214 NCB31CK-105X
C2215 NCJ41CK-226X-U
2V



/PB/PR[0-7]_DCLK
3.3V
K2004 CORE
K2003 CORE
C2001 NCJ41CK-226X-U
NCB31HK-103X
C2002 NCJ41CK-226X-U
R2041 10k
R2040 56 0.5%
R2039 470 0.5%
C2028 0.1
C2027 0.1
C2030 NCB31CK-104X
IC2001
ADV7125KST140
GND
G0
G1
G2
G3
G4
G5
G6
G7
BLANK%
SYNC%
VREF
COMP
IOR
IOG
VAA
IOB
CLOCK
PSAVE
RSET
R2037 10k
C2026 0.1
R2001 75
R2002 0
R2003 75
R2004 0
C2005 0.1
C2006 0.1
R2005 75
R2006 0
R2013 0
R2012 0
R2011 0
C2009 100p
L2001 NQL092K-1R0X
L2002 NQL092K-1R0X
L2003 NQL092K-1R0X
C2010 100p
C2011 100p
C2012 100p
C2013 100p
C2014 100p
CN8CV1
QGA1501F4-12W
Y
Pb
Pr
H
V
L
R
DHSYNC
DVSYNC
ANALOG SIGNAL PWB ASSY (3/5) CN0CV1 (SHEET6)
AGND
PR0 PR1 PR2 PR3 PR4 PR5 PR6 PR7 DCLK
PR PB Y
5V
A9V
K2001 NRSA02J-0R0X
IC2002 AK4384VT-X
MCLK
BICK
SDTI
LRCK
PDN
SMUTE/CSN
ACKS/CCLK
DIF0/CDTI
DZFL
DZFR
VDD
VSS
VCOM
AOUTL
AOUTR
P/S
R2015 100
R2016 100
R2017 100
R2018 100
R2022 100
R2019 100
R2020 100
R2021 100
C2015 0.1
C2016 NBZ0010-396X
C2017 10/16
C2018 0.1
C2019 NCB11CK-225X
C2020 NCB11CK-225X
R2052 68k
R2054 68k
R2053 68k
R2055 68k
R2025 1.5k
R2027 1.8k
R2026 1.5k
R2028 1.8k
C2034 NCB31HK-222X
C2035 NCB31HK-222X
C2022 NCB31HK-222X
C2024 NCB31HK-222X
R2029 1.5k
R2030 1.5k
R2031 1k
R2032 1k
IC2003 NJM4580V-X
R2048 100
R2049 100k
R2050 100
R2051 100k
R2034 3.3k
R2036 3.3k
C2033 NCF41CZ-106X
R2208 NRSA02J-0R0X
R2209 NRSA02J-0R0X

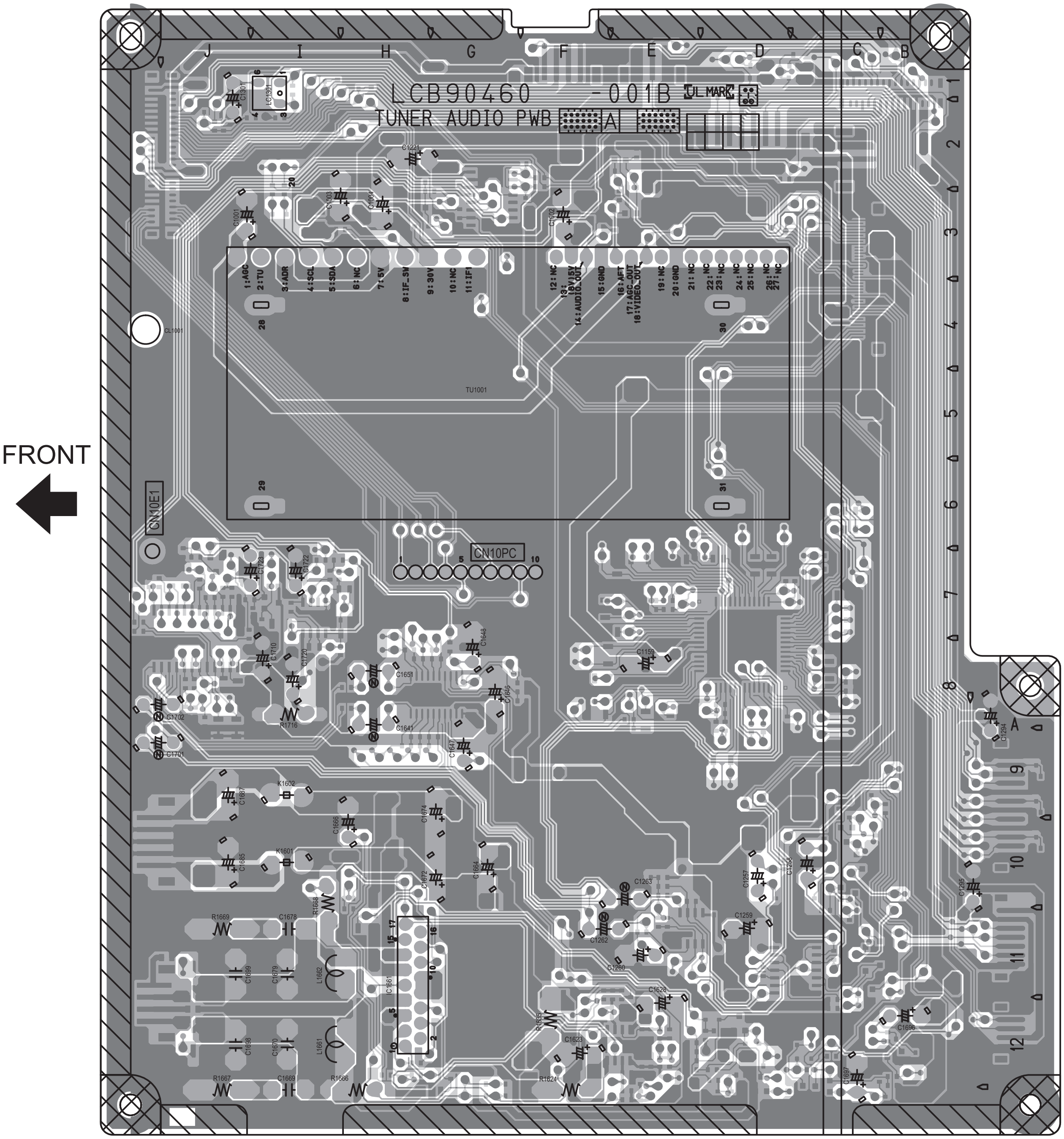
CARD VIEWER PWB ASS'Y (2/2)

SRP-8511A-M2

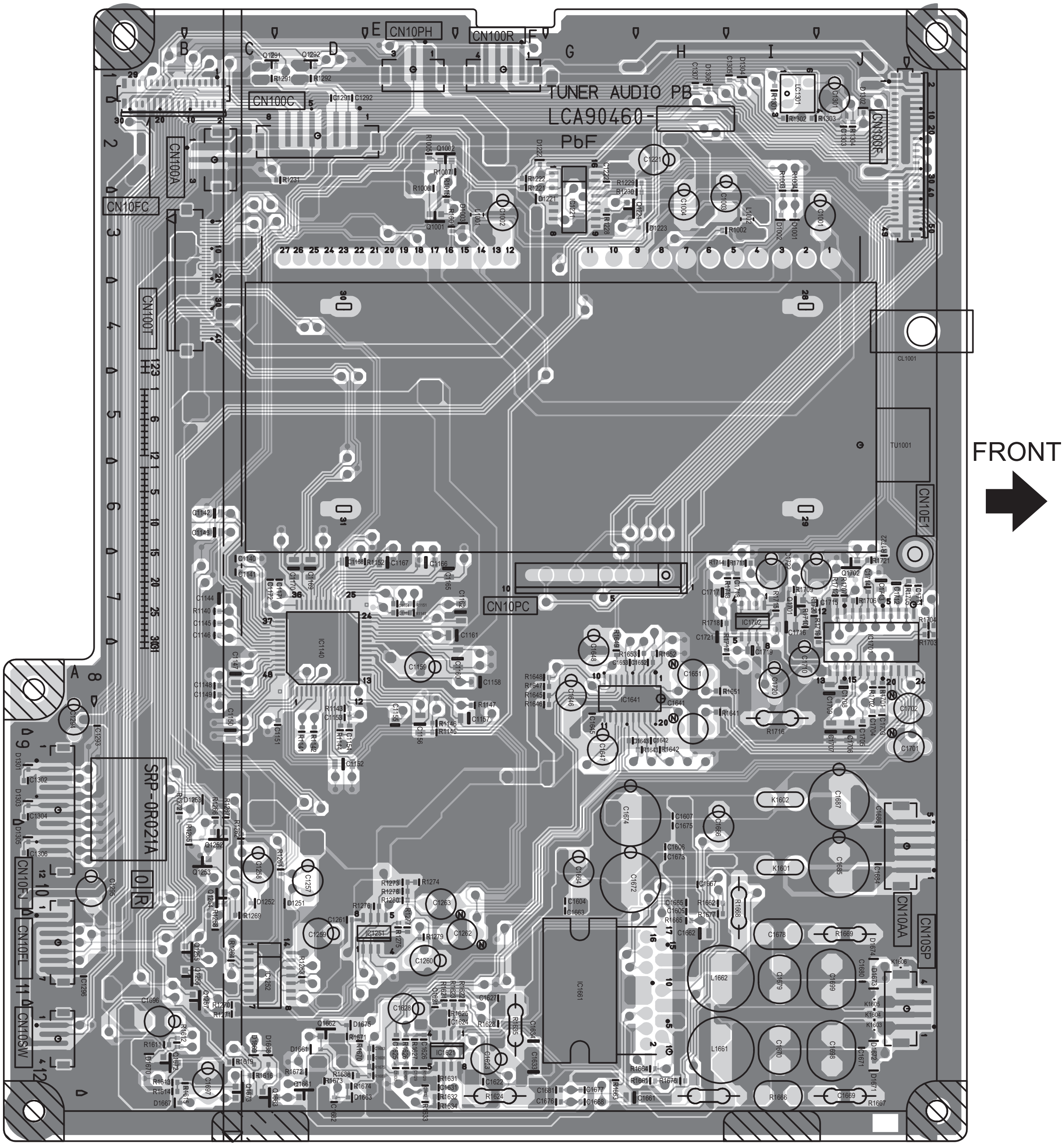
c20158001a002_0217_2/2_0.0

PATTERN DIAGRAMS

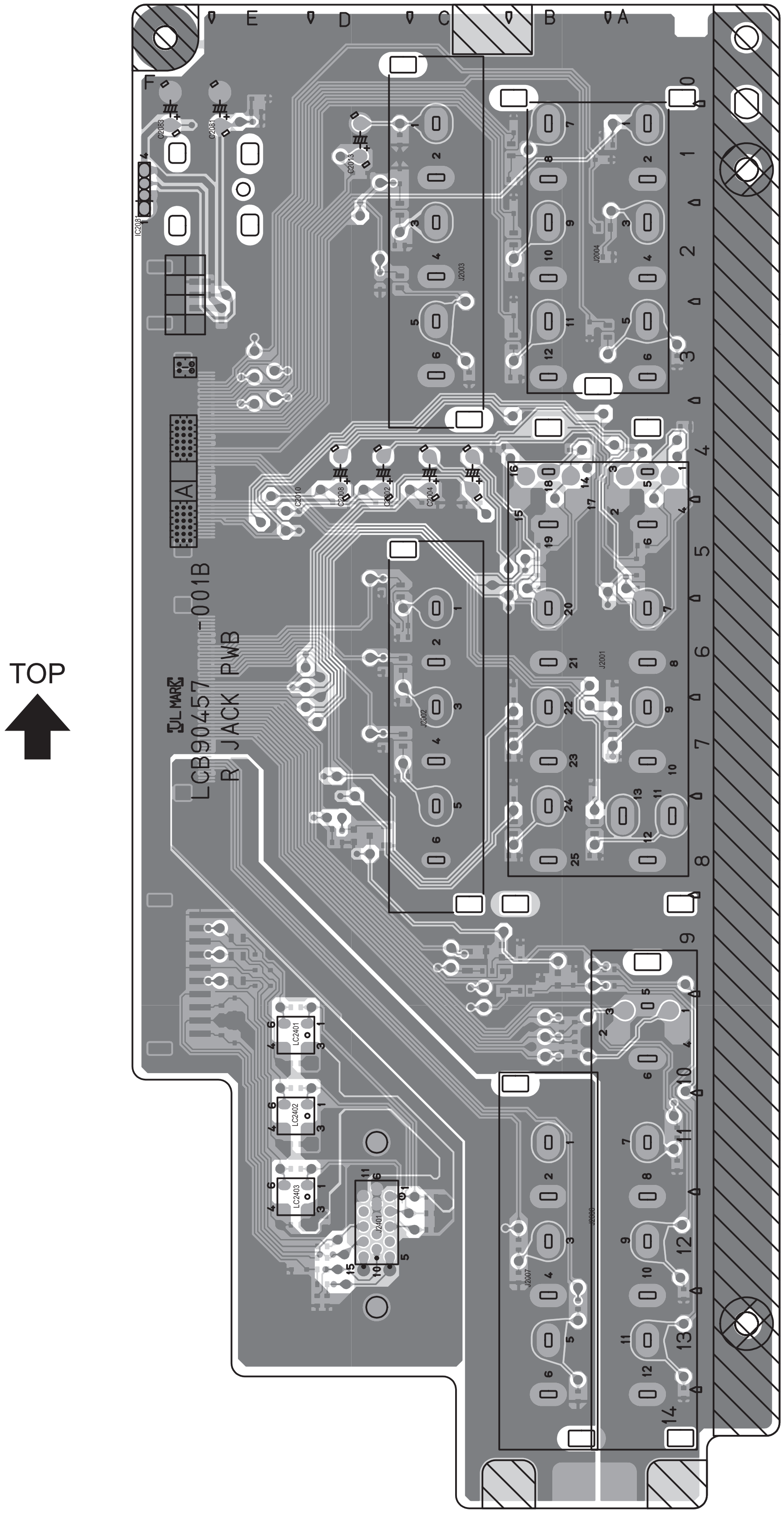
RECEIVER PWB PATTERN [SOLDER SIDE]


FRONT
LCB90460 -001B
TUNER AUDIO PWB
A
J
I
H
G
F
E
D
C
B
1
2
3
4
5
6
7
8
9
10
11
12
1:AGC
2:TU
3:ADR
4:SCL
5:SDA
6:NC
7:5V
8:IF_SW
9:30V
10:NC
11:IF1
12:NC
13:AUDIO_OUT
14:AUDIO_OUT
15:GND
16:AFT
17:AGC_OUT
18:VIDEO_OUT
19:NC
20:GND
21:NC
22:NC
23:NC
24:NC
25:NC
26:NC
27:NC
28
29
30
31
TU1001
CL1001
CN10E1
CN10PC
LC1301
C1301
C1001
C1003
C1090
C1631
C1702
C1701
C1710
C1720
R1716
C1651
C1641
C1648
C1646
C1647
C1153
C1687
C1685
K1602
K1601
C1666
C1674
C1664
C1672
R1668
R1669
C1678
C1680
C1679
L1662
C1681
C1677
C1670
L1661
R1667
C1669
R1666
C1263
C1262
C1260
C1259
C1257
C1258
C1628
C1623
R1624
C1296
C1294
C1606

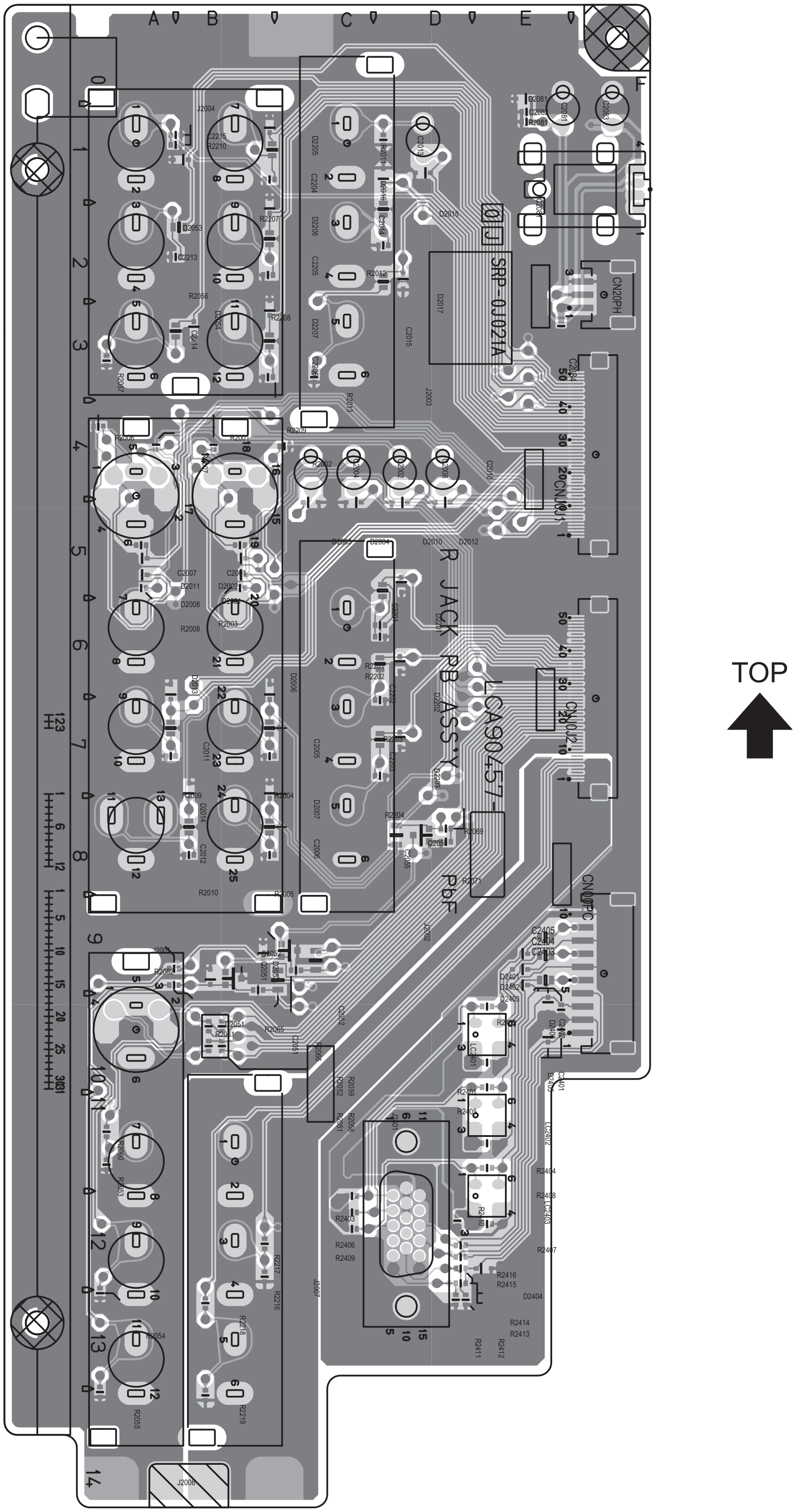
RECEIVER PWB PATTERN [PARTS SIDE]


TUNER AUDIO PB
LCA90460-
PbF
CN10PH
CN100R
CN100C
CN100A
CN10FC
CN100T
CN100F
CN10E1
CN10PC
CN10AA
CN10SP
CN10FJ
CN10FL
CN10SW
SRP-0R021A
IC1140
IC1641
IC1661
IC1702
TU1001
CL1001
K1601
K1602
L1661
L1662
FRONT
A
B
C
D
E
F
G
H
I
J

REAR JACK PWB PATTERN [SOLDER SIDE]

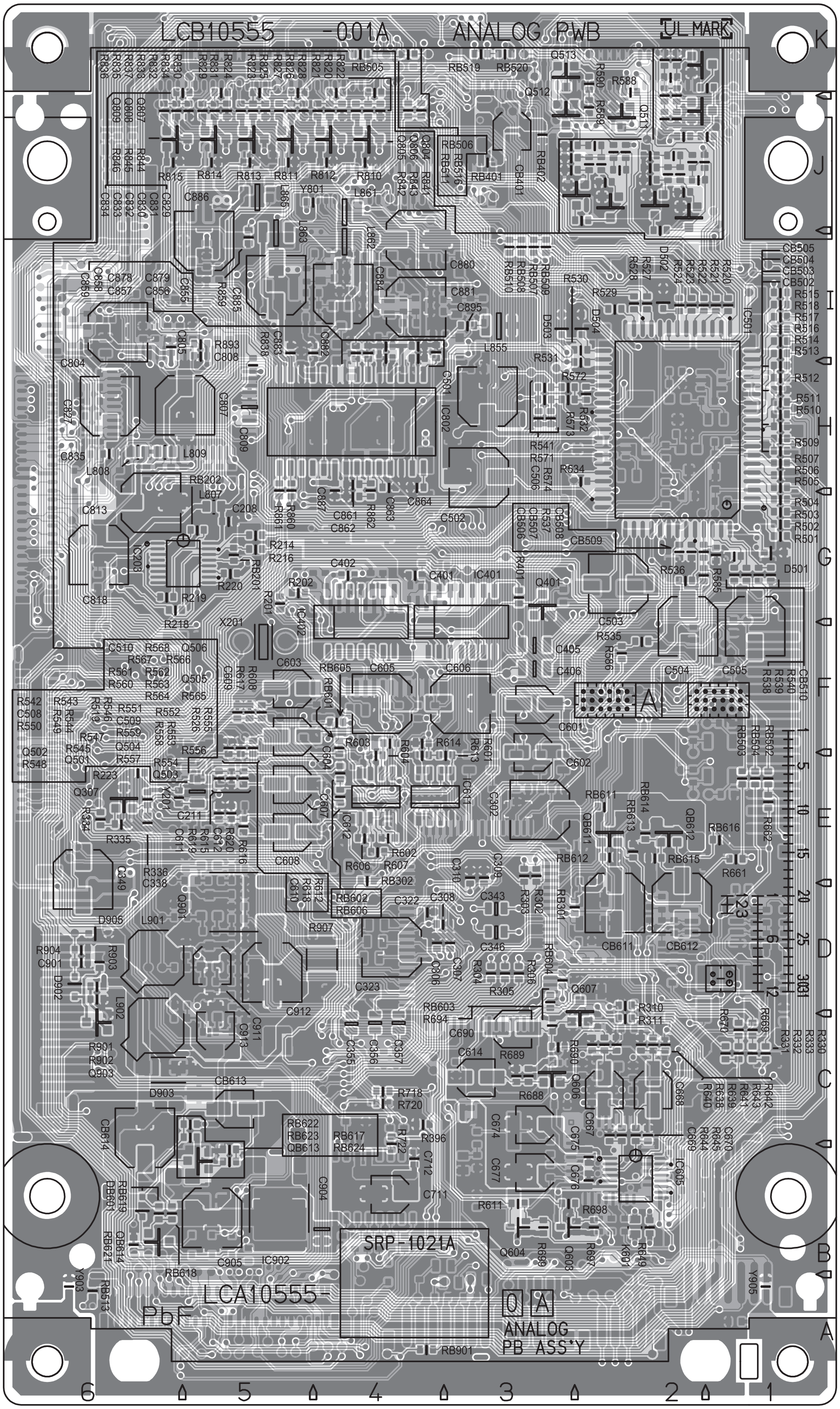

TOP
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
10
11
12
13
14
LCB90457-001B
R JACK PWB
UL MARK
J2001
J2002
J2003
J2004
J2007
J2008
J2401
LC2401
LC2402
LC2403
IC2081
C2010
C2011

REAR JACK PWB PATTERN [PARTS SIDE]

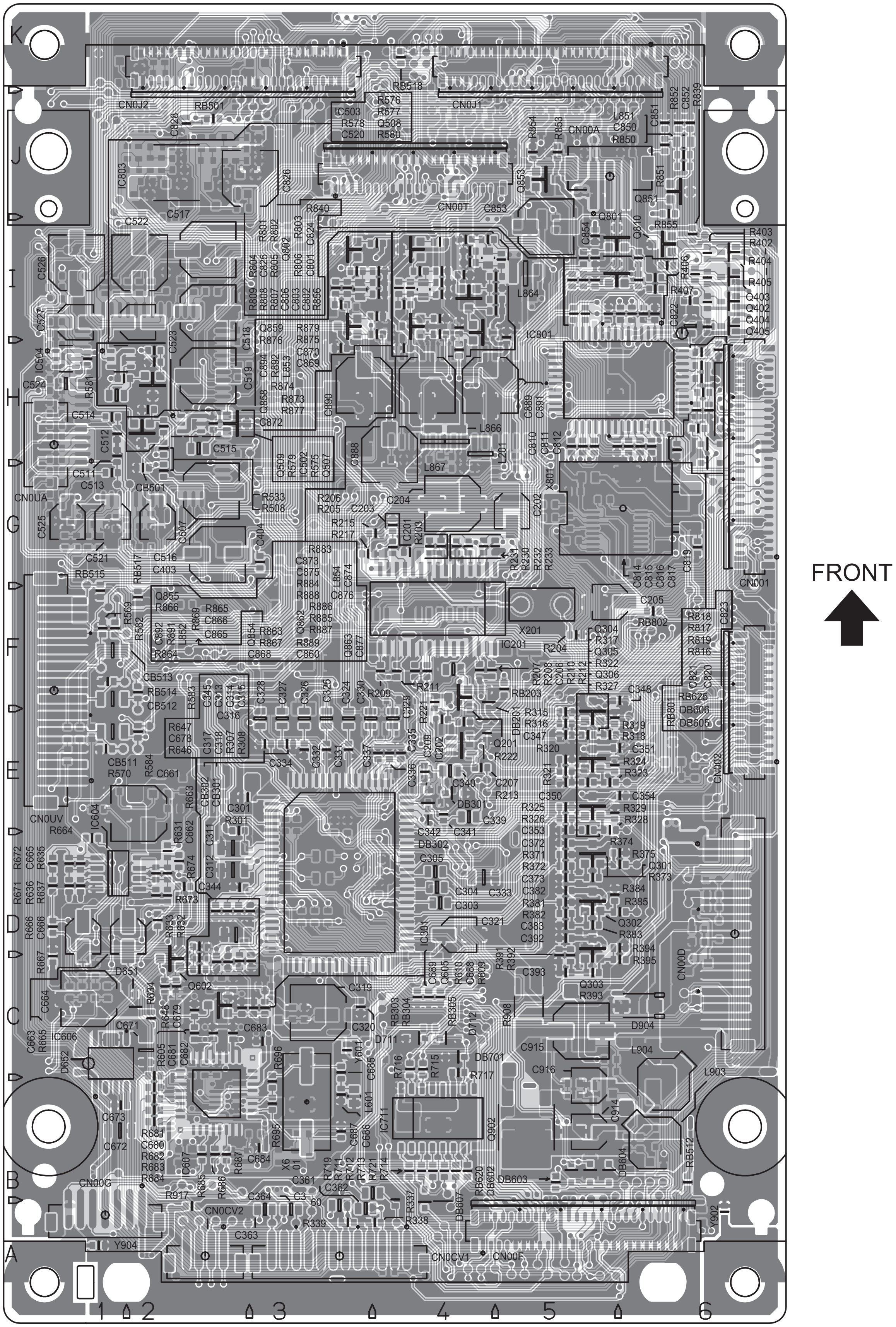

A
B
C
D
E
F
R JACK PB ASS'Y
LCA90457-
SRP-0J021A
PbF
CN20PH
CN00J1
CN00J2
CN00PC
J2004
J2003
J2002
J2007
J2008
TOP

ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]

FRONT

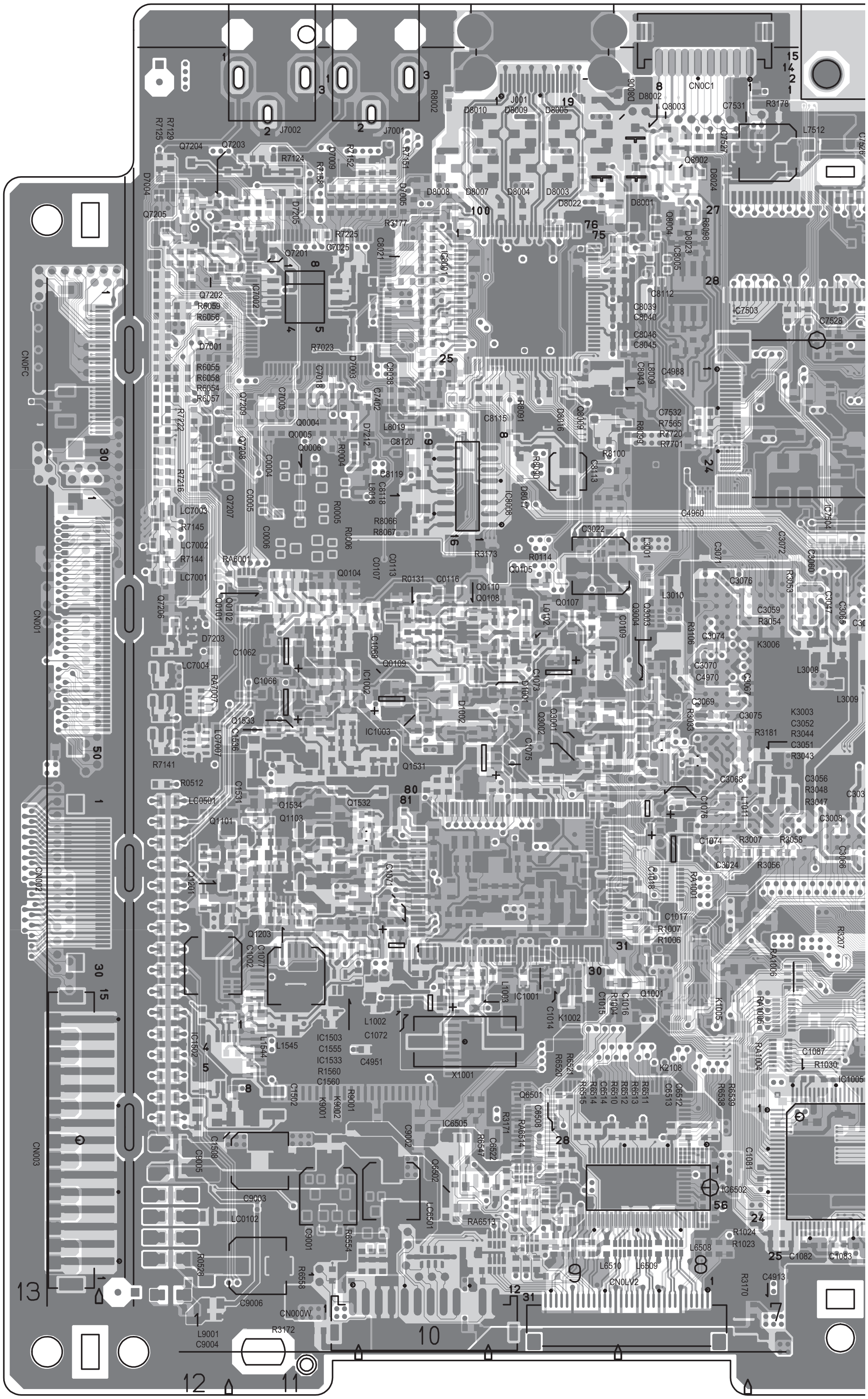

LCB10555 -001A ANALOG PWB
LCA10555-
PbF
SRP-1021A
0 A
ANALOG PB ASS'Y
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

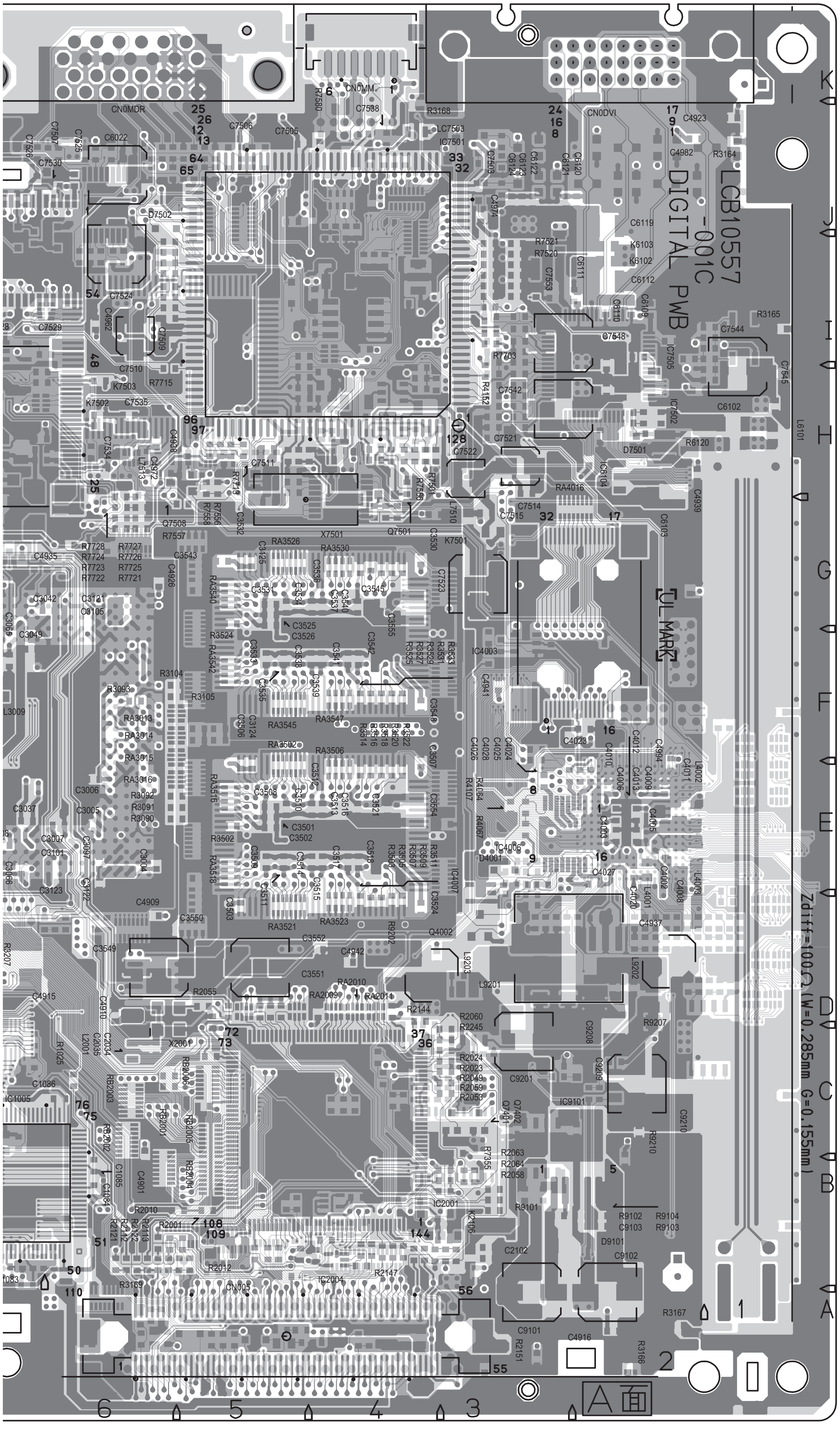

K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
FRONT
RB518
R576
R577
IC503
R578
Q508
C520
R580
CN0J2
RB501
CN0J1
R852
C852
R839
L851
C850
R850
C851
R854
R853
CN00A
C828
IC803
C826
Q853
R851
Q851
C517
R840
CN00T
C853
C522
Q801
Q810
R855
C854
R801
R802
R803
C824
R804
C825
R805
Q802
R806
C801
R809
R808
R807
C806
C803
C802
R856
R403
R402
R404
R405
Q403
Q402
Q404
Q405
R406
R407
C822
C526
L864
C527
IC801
Q859
R879
R876
R875
C870
C869
C523
C518
IC504
C894
R892
L853
R874
R873
R877
C519
C524
R581
C514
C858
C872
C890
C889
C891
L866
C512
C515
C888
C810
C811
C812
L201
Q509
R579
IC502
R575
Q507
L867
X801
C511
C513
CB501
CN0UA
R533
R508
R206
R205
C203
C204
C202
C525
C507
C404
R215
R217
C201
R203
R883
C873
C875
R884
R888
L854
C874
C876
R231
R230
R232
R233
C521
C516
C403
RB515
RB517
C814
C815
C816
C817
C819
CN001
Q855
R866
R569
R582
R869
R865
C866
C865
C892
R891
L852
R864
Q854
R863
R867
C868
Q862
R886
R885
R887
R889
C860
Q863
C877
C205
RB802
X201
IC201
R204
Q304
R317
Q305
R322
Q306
R327
R818
R817
R819
R816
C823
CB513
RB514
CB512
R583
C345
C313
C314
C315
C316
C328
C327
C326
C325
C324
C330
R209
C329
R211
R207
R208
C206
R210
R212
RB203
C348
Q821
C820
RB801
RB625
DB606
DB605
R647
C678
R646
C317
C318
R307
R308
C334
C332
C331
C337
C335
C209
C202
R221
DB201
R315
R316
C347
Q201
R222
R320
R319
R318
C351
R324
R323
CN002
CB511
R570
R584
C661
C336
C340
C207
R213
R321
C350
C354
DB301
C339
R325
R326
C353
C372
R371
R372
C373
C382
R381
R382
C383
C392
R329
R328
R374
R375
Q301
R373
R384
R385
Q302
R383
R394
R395
CN00D
CN0UV
R664
IC604
R663
CB302
CB301
C301
R301
R631
C662
C311
C312
R674
C344
R673
R672
C665
R635
R671
R636
R637
C342
DB302
C341
C305
C304
C333
C303
C321
IC301
R666
C666
R633
R632
R667
D651
C664
R634
Q602
C689
C605
R610
C688
R609
R391
R392
C393
C319
Q303
R393
R648
C679
C663
R665
IC606
C671
R605
C681
C682
C683
C320
RB303
RB304
RB305
D712
R908
D904
D711
C915
L904
DB701
D652
R696
Y601
C685
R716
R715
R717
C916
L903
L601
IC711
C914
C673
C672
R681
C680
R682
R683
R684
C607
R685
R686
R687
C684
R695
X601
R719
R711
R712
R713
R721
R714
C687
C686
Q902
DB604
RB512
CN00G
C361
C362
RB620
DB602
DB603
R917
C364
C360
CN0CV2
R337
R338
R339
DB607
Y902
C363
Y904
CN0CV1
CN00F

DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]

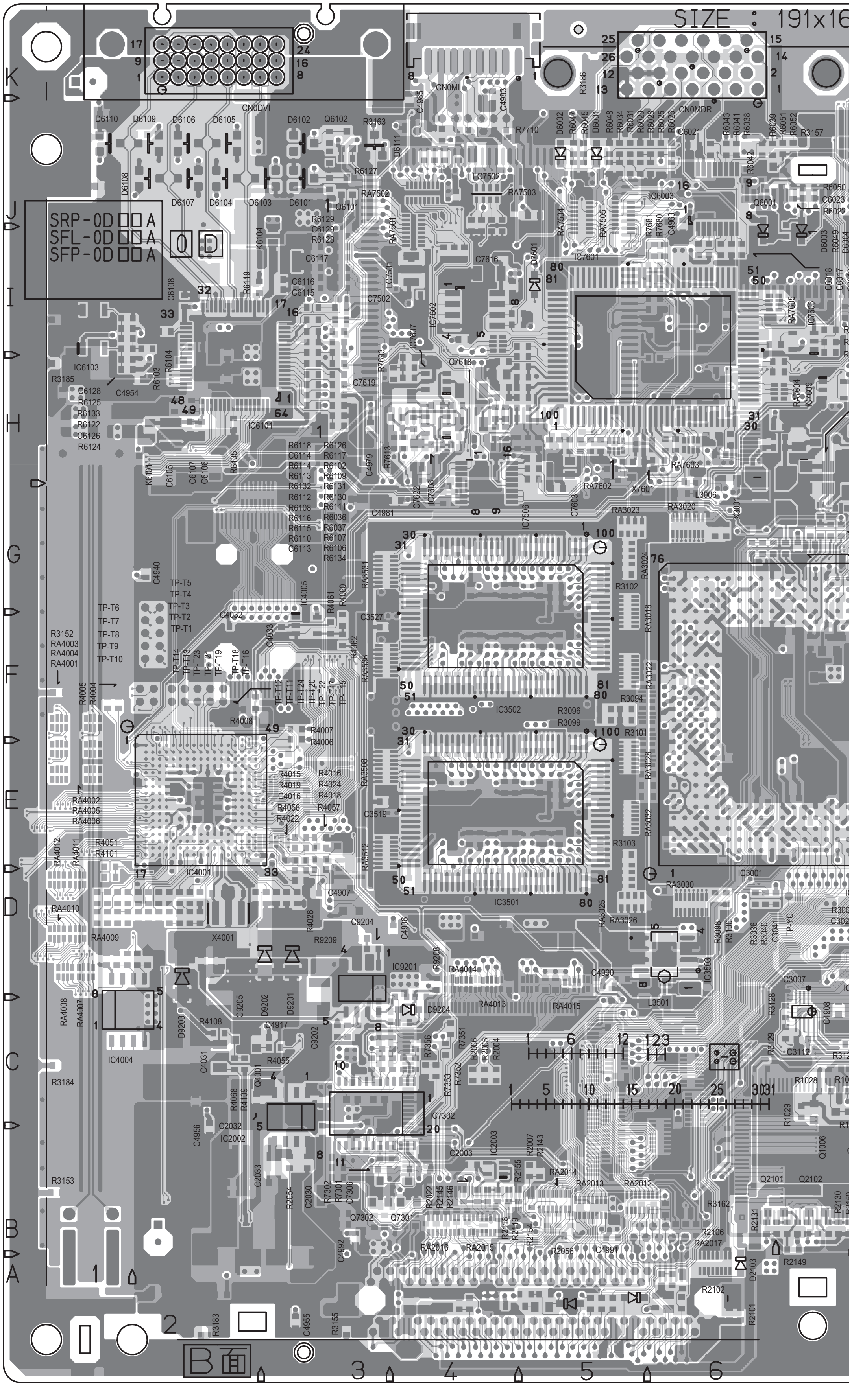
FRONT

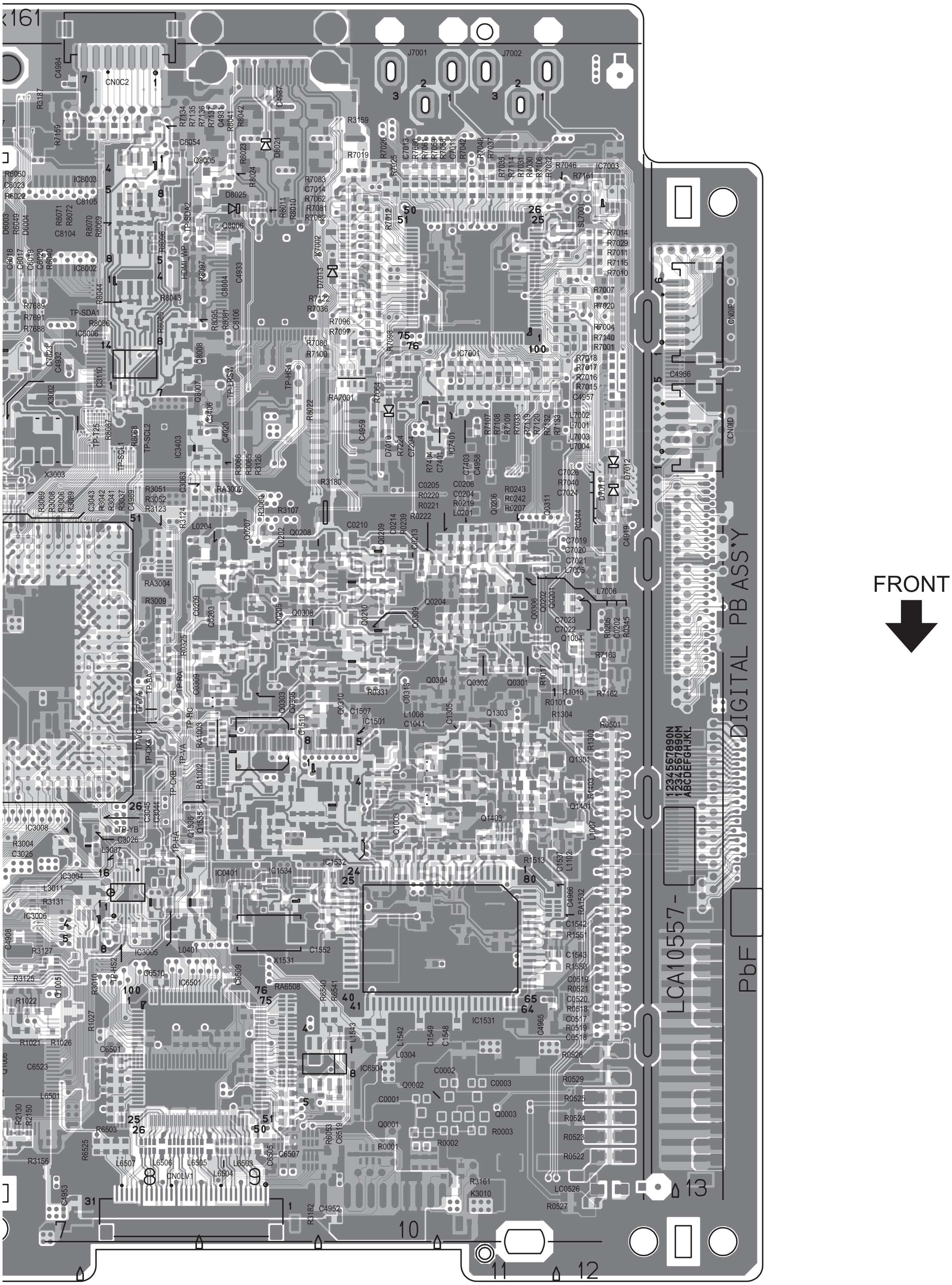


J7002
J7001
R8002
R7129
R7125
Q7204
Q7203
R7124
R7158
R7152
R7151
D7009
D7004
D7005
D7205
Q7205
R7225
C7025
R3177
C8021
Q7201
IC7002
Q7202
R6059
R6056
D7001
R7023
R6055
R6058
R6054
R6057
D7003
C7018
C8038
C7402
Q7209
C7003
R7222
Q0004
Q0005
Q0006
D7212
L8019
C8120
R0004
Q7208
C0004
R7216
C8119
C8118
L8018
LC7003
R7145
Q7207
C0005
R0005
R8066
R8067
LC7002
R7144
C0006
R0006
C0113
RA6001
LC7001
Q0104
C0107
R0131
C0116
Q0110
Q0108
Q7206
Q0101
Q0102
D7203
C1062
C1068
Q0109
LC7004
RA7007
C1066
IC1002
IC1003
Q1533
C1536
LC7007
R7141
Q1531
R0512
LC0501
C1531
Q1534
Q1103
Q1532
Q1101
Q1201
C1071
Q1203
C1077
C1002
IC1502
L1544
L1545
IC1503
C1555
IC1533
R1560
C1560
C4951
L1002
C1072
C1502
K9001
K9002
R9001
C1508
C9005
C9003
LC0102
C9001
R6554
R0528
R6558
C9006
L9001
C9004
CN000W
R3172
CN0FC
CN001
CN002
CN003
J001
D8010
D8009
D8005
D8008
D8007
D8004
D8003
D8022
IC8001
C8115
R8091
D8016
Q8019
C8113
R8090
D8017
IC8008
R3173
R0114
Q0105
Q0107
L0102
C1073
Q1001
D1002
Q3002
Q3001
C1075
L1003
IC1001
C1014
K1002
X1001
Q6501
C6508
R6512
R4657
IC6505
R6547
C6522
Q6502
LC6501
RA6513
D8006
D8002
CN0C1
Q8003
C7531
R3178
L7512
Q7527
Q8002
D8024
D8001
Q8004
D8023
R8098
IC8005
C8112
C8039
C8040
C8046
C8045
L8009
C8043
C4988
C7532
R7565
R7720
R7701
R8099
R8100
IC7503
C7528
C4960
IC7504
C3022
C3001
C3071
C3072
C3060
C3076
R3053
L3010
C3003
C1009
Q3004
R3106
C3059
R3054
C3074
K3006
C3070
C4970
C3067
L3008
L3009
C3069
R3083
C3075
K3003
C3052
R3044
R3181
C3051
R3043
C3068
C3056
R3048
R3047
C1076
L1011
C3008
C1074
R3007
R3058
C3024
R3056
C1018
RA1001
C1017
R1007
R1006
Q1001
C1016
R1004
C1015
K1005
RA1006
R1207
RA1005
RA1004
C1087
R1030
IC1005
K2108
R6521
R6520
R6516
R6515
R6514
C6514
R6510
C6510
R6511
C6513
C6512
R6539
R6538
C1081
IC6502
R1024
R1023
C1082
C1083
C4913
R3170
L6508
L6510
L6509
CN0LV2
1
2
3
8
5
4
25
100
76
75
27
28
24
16
9
8
30
1
50
1
80
81
31
30
30
15
1
4
5
8
28
56
24
25
1
9
8
1
12
31
10
13
12
11
7
15
14
2
1

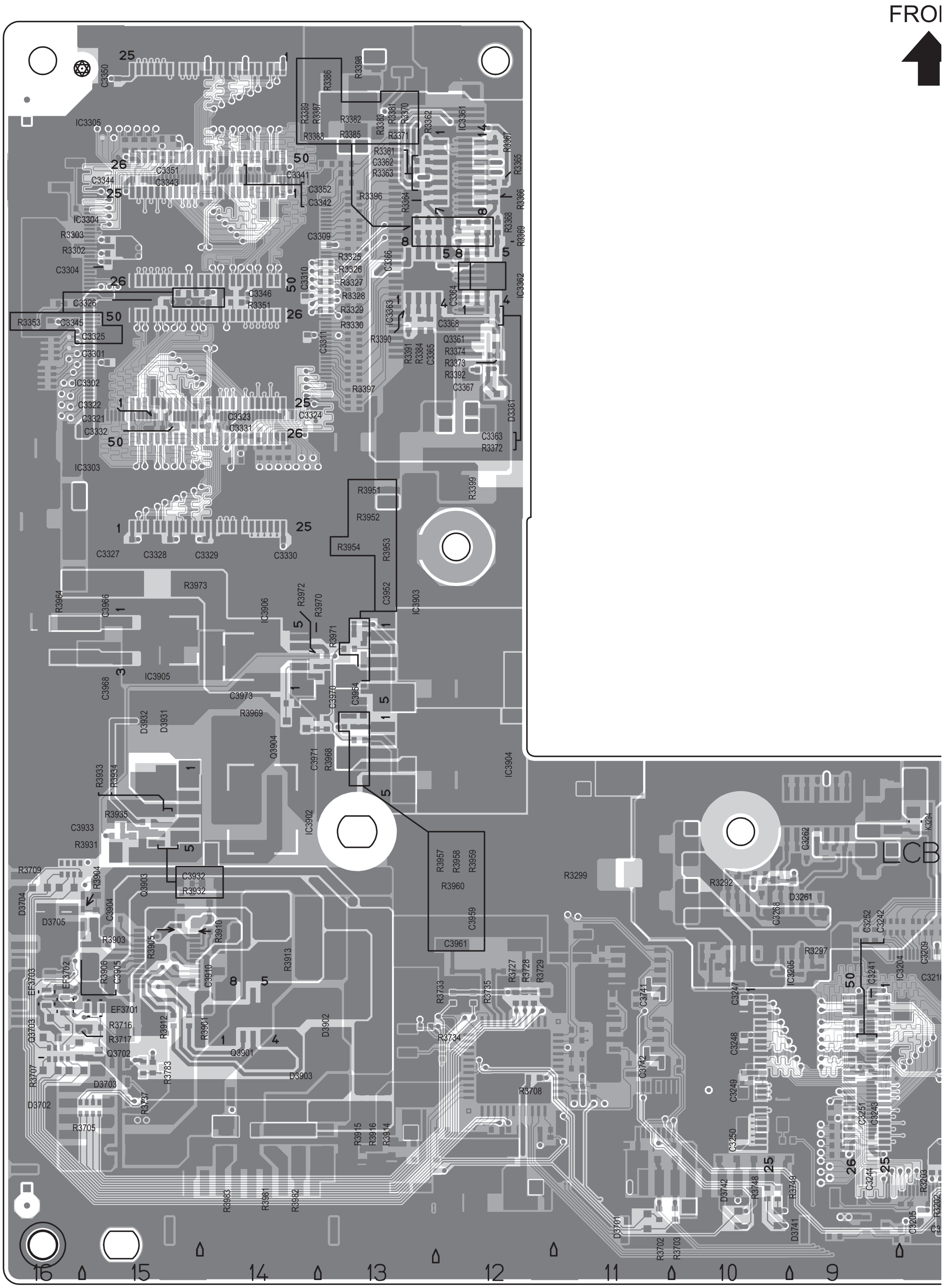

LCB10557
-001C
DIGITAL PWB
Zdiff=100Ω (W=0.285mm G=0.155mm)
UL MARK
A 面
CN0MDR
CN0MM
CN0DVI
CN005
IC7501
IC4003
IC4007
IC2001
IC2004
IC9101
IC7505
IC7502
IC6104
IC1005
X7501
X2001
L9201
L9202
L9203
L6101
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]

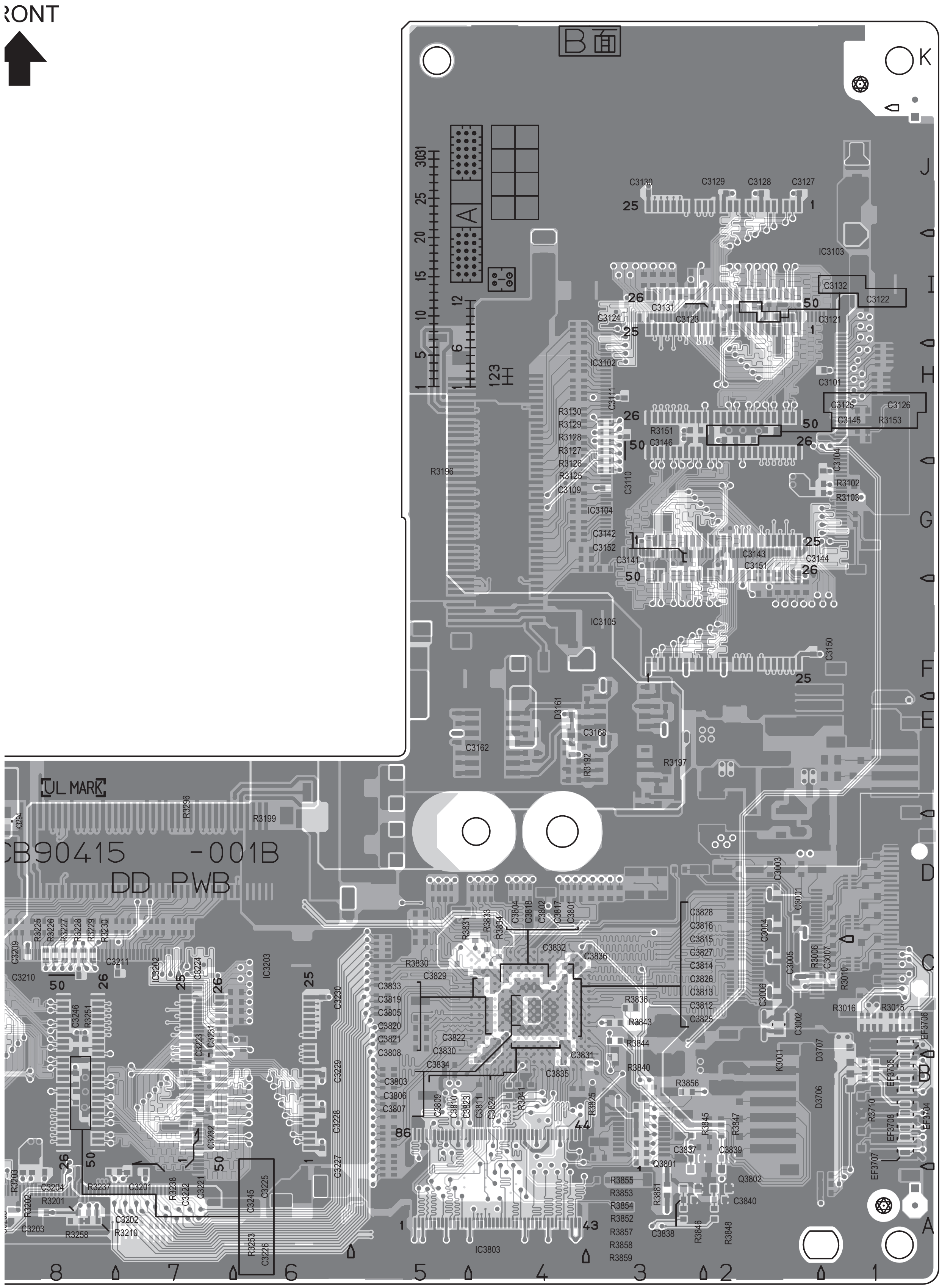

SIZE : 191x16
SRP-0D□□A
SFL-0D□□A
SFP-0D□□A
0D
CN0DVI
CN0MI
CN0MDR
IC6103
IC6101
IC7601
IC3502
IC3501
IC3001
IC4001
IC4004
IC9201
IC7302
IC2002
IC7502
IC7506
IC6003
IC3007
X4001
X7601
X3001
L3501
L3006
Q6101
Q6102
Q6001
Q4001
Q7301
Q7302
Q2101
Q2102
Q1006
R3185
R3152
RA4003
RA4004
RA4001
RA4002
RA4005
RA4006
RA4010
RA4009
RA4008
RA4007
RA4012
RA4011
R3184
R3153
R3183
C4955
R3155
R3186
R3163
R3157
RA3023
RA3020
RA3024
RA3018
RA3022
RA3028
RA3032
RA3030
RA3025
RA3026
RA3531
RA3536
RA3508
RA3512
RA4014
RA4013
RA4015
RA2014
RA2013
RA2012
RA2016
RA2015
RA2017
RA7502
RA7503
RA7501
RA7504
RA7505
RA7603
RA7602
C3527
C3519
C4981
C4940
C4032
C4033
C4907
C4906
C4990
C4908
C4917
C4031
C4956
C2032
C2033
C2030
C2003
C4992
C4991
D9203
D9205
D9202
D9201
D9204
D2103
TP-T1
TP-T2
TP-T3
TP-T4
TP-T5
TP-T6
TP-T7
TP-T8
TP-T9
TP-T10
TP-VC
R4108
R4055
R4068
R4109
R4008
R4007
R4006
R4015
R4019
C4016
R4058
R4022
R4016
R4024
R4018
R4057
R4051
R4101
R4005
R4004
R4026
R9209
C9204
C9205
C9202
R2102
R2101
R2149
R2106
R2131
R2130
R3162
R1028
R1029
B面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6


DIGITAL PB ASS'Y
LCA10557-
PbF
FRONT
J7001
J7002
CN0C2
CN0LV1
CN0IP
CN0ID
IC7001
IC7003
IC1531
IC6501
IC3008
IC8003
IC8002
IC8006
IC3403
IC1501
IC1534
IC1532
IC6504
IC3004
IC3005
IC3006
IC0401
IC7401
X3003
X1531
TP-SDA1
TP-SDA2
TP-SCL1
TP-SCL2
HDMI_WP
TP-YB
TP-HA
TP-HS2
7
8
9
10
11
12
13

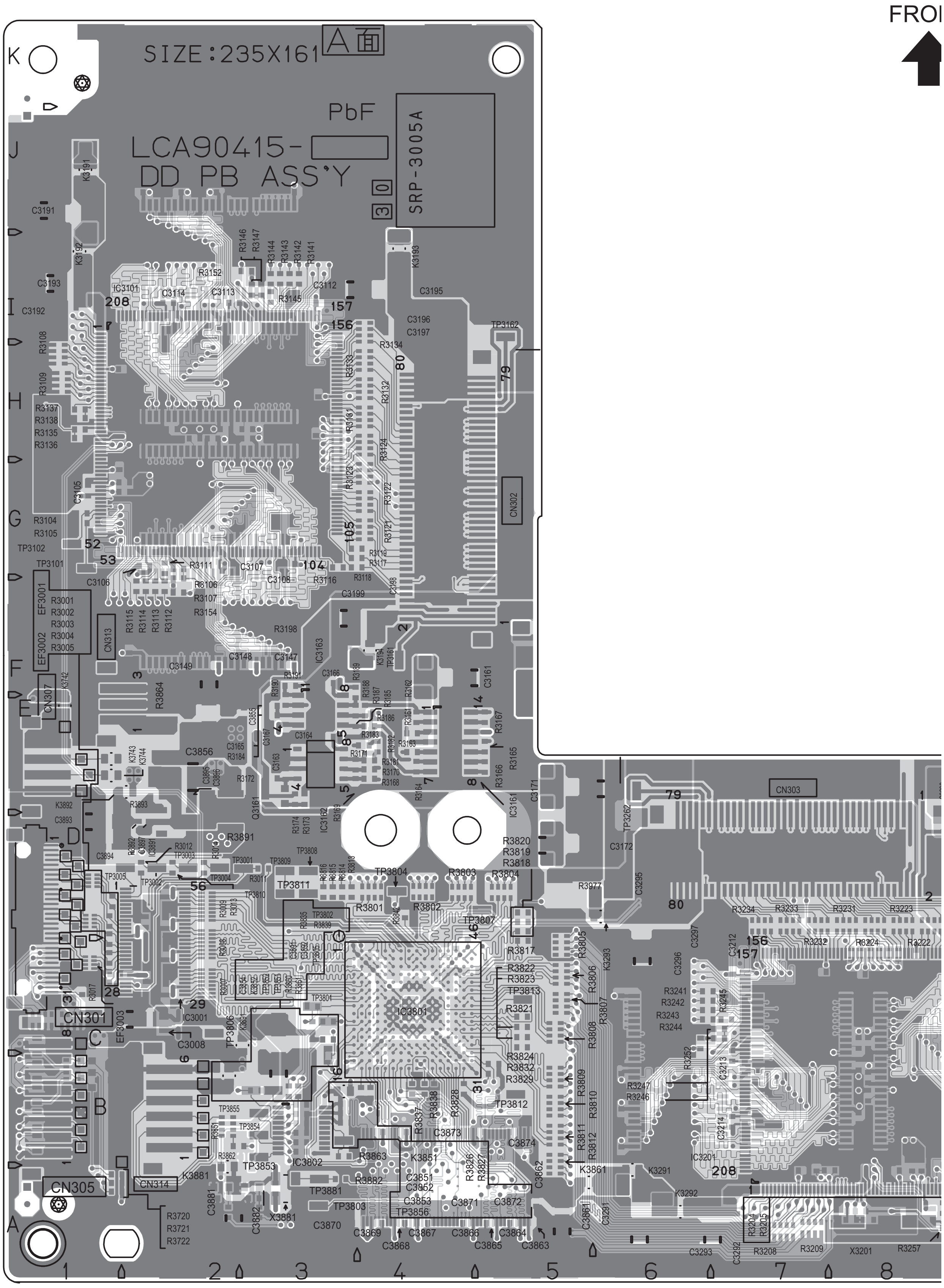
MAIN DRIVE PATTERN [SOLDER SIDE]



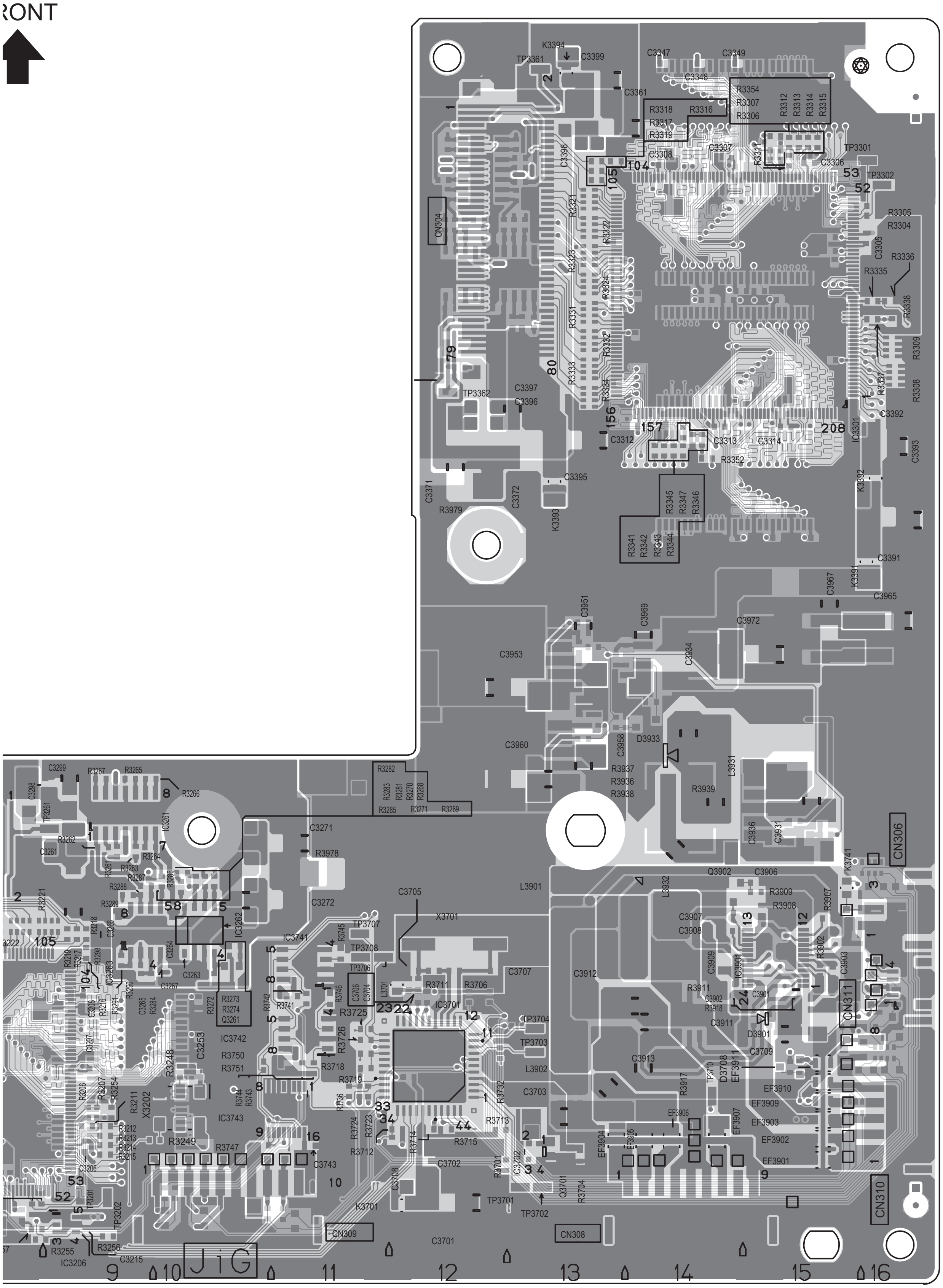
FRO
IC3305
IC3304
IC3302
IC3303
IC3361
IC3362
IC3363
IC3902
IC3903
IC3904
IC3905
IC3906
IC3204
IC3205
C3350
C3351
C3343
C3344
C3341
C3352
C3342
C3309
C3310
C3346
C3326
C3345
C3325
C3301
C3322
C3321
C3332
C3323
C3331
C3324
C3311
C3327
C3328
C3329
C3330
C3304
C3366
C3368
C3364
C3365
C3367
C3363
C3362
R3303
R3302
R3353
R3351
R3325
R3326
R3327
R3328
R3329
R3330
R3390
R3391
R3384
R3397
R3398
R3386
R3389
R3387
R3388
R3382
R3385
R3383
R3381
R3370
R3371
R3362
R3361
R3363
R3396
R3364
R3367
R3365
R3366
R3368
R3369
R3374
R3373
R3392
R3372
R3399
Q3361
D3361
R3951
R3952
R3954
R3953
C3952
R3973
R3972
R3970
R3971
R3964
C3966
C3968
C3973
R3969
C3970
C3954
D3932
D3931
Q3904
C3971
R3968
R3933
R3934
R3935
C3933
R3931
C3932
R3932
Q3903
R3709
R3904
D3704
D3705
C3904
R3903
R3905
R3910
R3913
R3906
C3905
C3910
EF3703
EF3702
EF3701
R3716
R3717
Q3702
Q3703
R3707
R3912
R3901
Q3901
D3902
D3903
R3783
D3703
D3702
R3727
R3705
R3957
R3958
R3959
R3960
C3959
C3961
R3299
R3292
C3262
D3261
C3268
C3252
C3242
R3297
C3209
C3210
C3241
C3247
C3248
C3249
C3250
C3251
C3243
C3244
C3205
R3203
R3202
R3727
R3728
R3729
R3733
R3735
R3734
R3708
C3741
C3742
R3915
R3916
R3914
R3963
R3961
R3962
D3701
R3702
R3703
D3742
R3748
R3749
D3741
LCB
1
25
26
50
16
15
14
13
12
11
10
9


RONT
B面
K
J
I
H
G
F
E
D
C
B
A
A
IC3103
IC3102
IC3104
IC3105
IC3203
IC3803
C3130
C3129
C3128
C3127
C3132
C3122
C3131
C3123
C3124
C3121
C3101
C3125
C3126
C3145
R3153
C3111
R3130
R3129
R3128
R3127
R3126
R3125
C3109
R3151
C3146
C3104
R3102
R3103
C3110
R3196
C3142
C3152
C3141
C3143
C3151
C3144
C3150
D3161
C3168
C3162
R3192
R3197
UL MARK
R3296
R3199
CB90415 -001B
DD PWB
C3003
C3001
C3004
C3005
R3006
C3007
R3010
C3006
C3002
R3016
R3015
EF3706
K3001
D3707
D3706
EF3705
R3710
EF3708
EF3704
EF3707
C3828
C3816
C3815
C3827
C3814
C3826
C3813
C3812
C3825
C3832
C3836
R3836
R3843
R3844
C3831
C3835
R3840
R3856
R3845
R3847
C3837
C3839
Q3801
Q3802
C3840
R3855
R3853
R3854
R3852
R3857
R3858
R3859
R3881
C3838
R3846
R3848
R3830
C3829
R3831
R3833
R3834
C3804
C3818
C3802
C3817
C3801
C3833
C3819
C3805
C3820
C3821
C3808
C3822
C3830
C3834
C3803
C3806
C3807
C3809
C3810
C3823
C3811
C3824
R3841
R3825
C3230
C3229
C3228
C3227
C3225
C3245
R3253
C3226
C3221
C3222
R3238
C3201
R3237
C3204
R3201
R3202
C3203
R3258
C3202
R3210
C3232
C3223
C3231
C3224
C3212
C3211
C3246
R3251
C3209
C3210
R3225
R3226
R3227
R3228
R3229
R3230
K3204
8
7
6
5
4
3
2
1

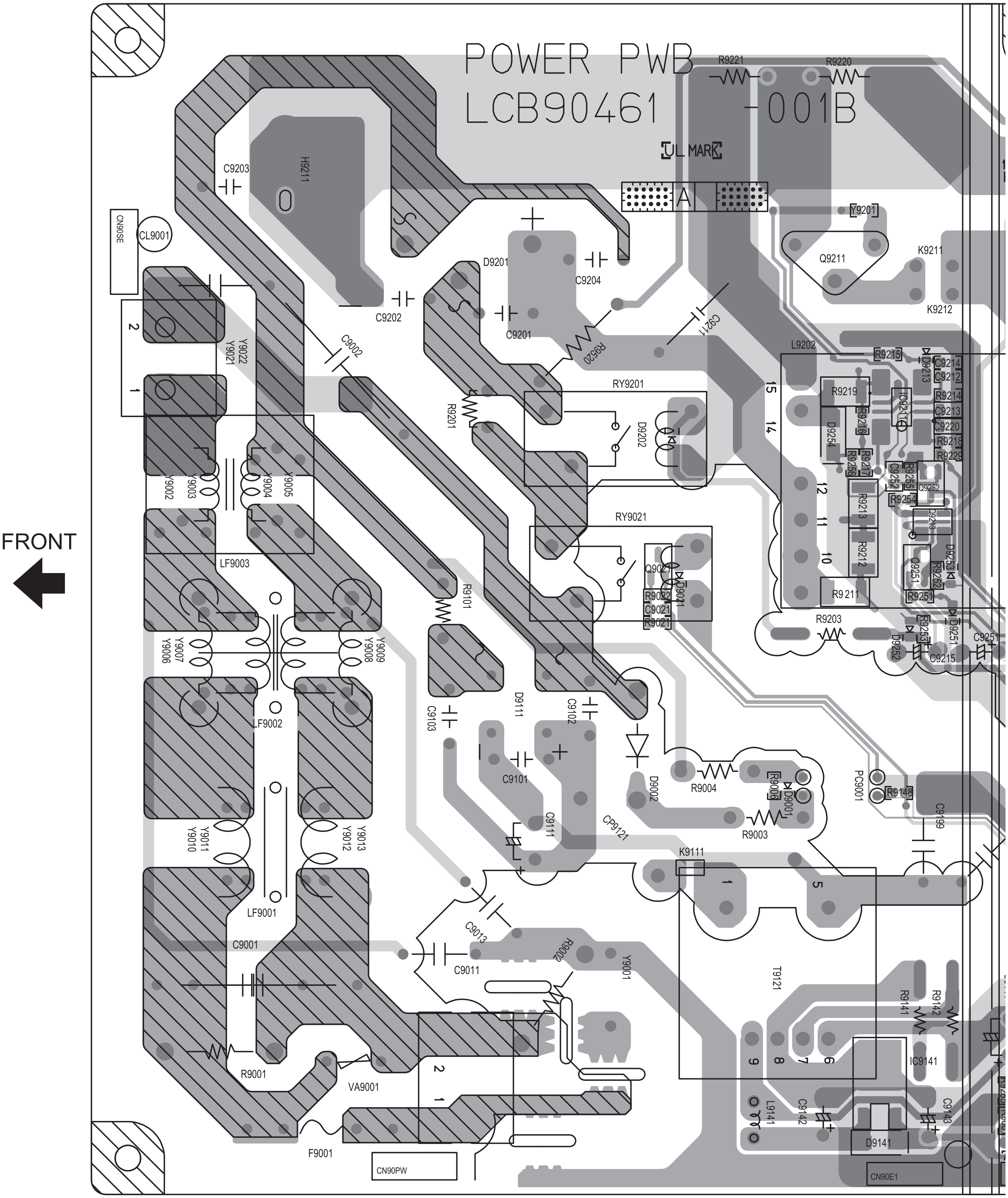
MAIN DRIVE PATTERN [PARTS SIDE]

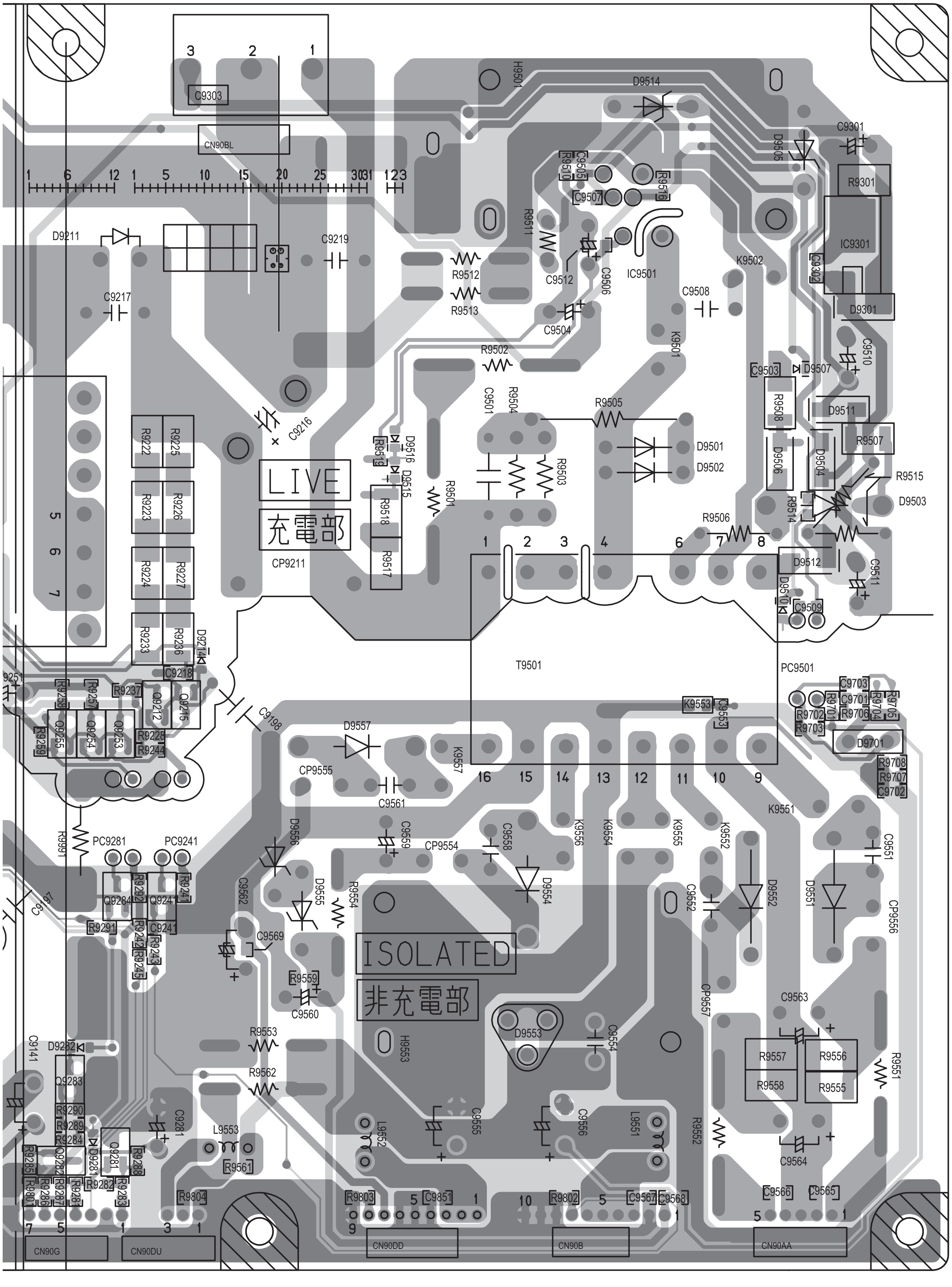

FRO
SIZE:235X161
A面
PbF
LCA90415-
DD PB ASS'Y
SRP-3005A
30
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
IC3101
IC3801
IC3201
IC3161
IC3162
IC3001
IC3802
CN301
CN302
CN303
CN305
CN307
CN313
CN314
EF3001
EF3002
EF3003
X3201
X3881
K3191
K3192
K3193
K3291
K3292
K3851
K3861
K3881
TP3101
TP3102
TP3162
TP3804
TP3807
TP3811
TP3812
TP3813
TP3853
TP3856
TP3881
TP3803
C3008
C3107
C3108
C3112
C3113
C3114
C3191
C3192
C3193
C3195
C3196
C3197
C3199
C3856
C3870
C3871
C3872
C3873
C3874
R3111
R3116
R3134
R3152
R3198
R3801
R3802
R3803
R3804
R3817
R3818
R3819
R3820
R3821
R3822
R3823
R3824
R3829
R3832
R3863
R3864
R3882
R3891
R3977
R3720
R3721
R3722
R3001
R3002
R3003
R3004
R3005
R3104
R3105
R3137
R3138
R3135
R3136
R3241
R3242
R3243
R3244
R3246
R3247
R3208
R3209
R3257
208
157
156
80
79
105
104
53
52
56
29
28
31
46
16

RONT

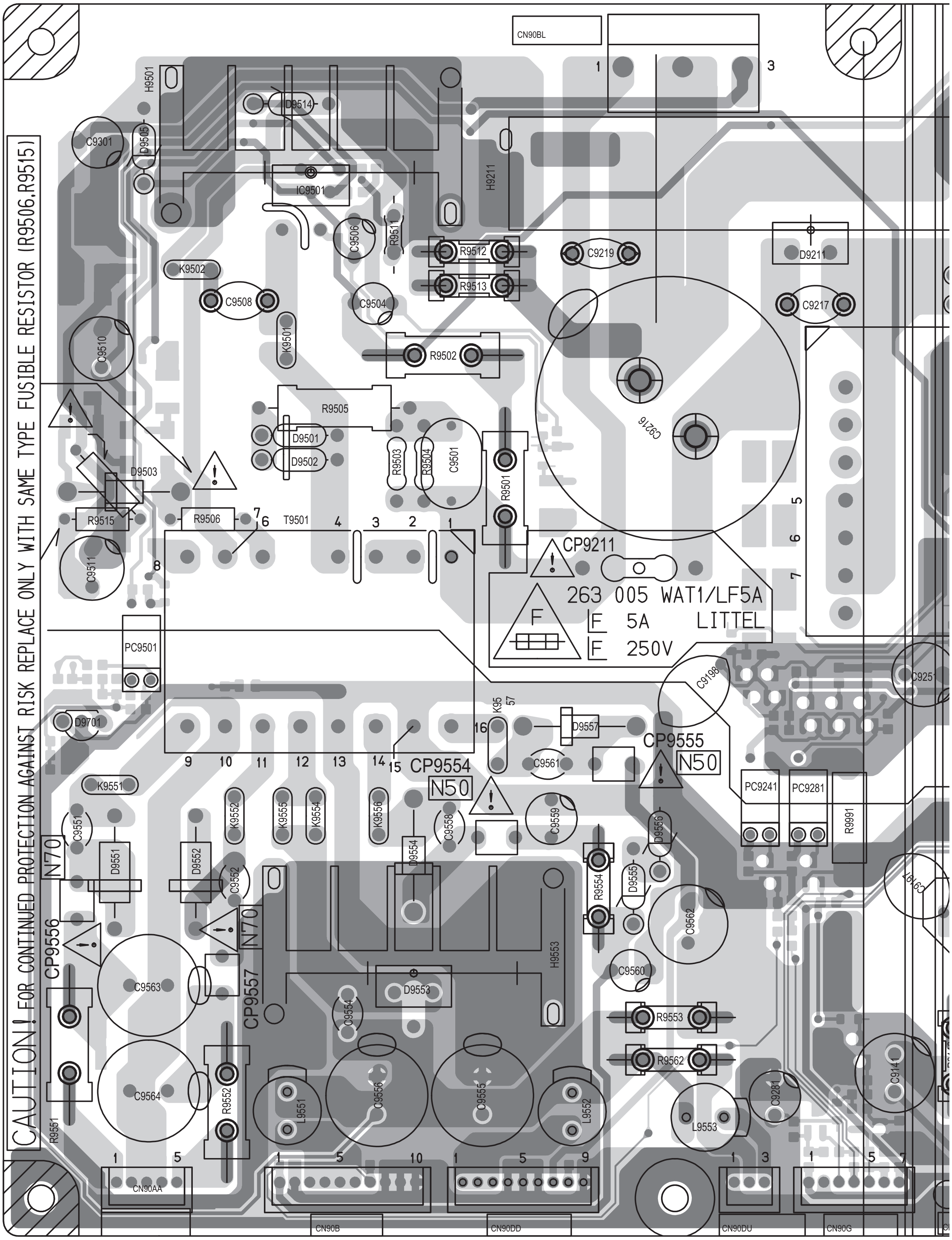

K3394
C3399
TP3361
C3347
C3349
C3348
C3361
R3354
R3307
R3306
R3318
R3316
R3317
R3319
R3312
R3313
R3314
R3315
C3308
C3307
R3311
TP3301
C3306
104
105
53
52
TP3302
C3398
CN304
R3321
R3322
R3323
R3324
R3331
R3332
R3333
R3334
R3305
R3304
C3305
R3336
R3335
R3338
R3309
R3337
R3308
79
80
TP3362
C3397
C3396
156
157
208
C3312
C3313
C3314
IC3301
C3392
C3393
R3352
C3371
C3372
C3395
R3979
K3393
R3345
R3347
R3346
R3341
R3342
R3343
R3344
K3392
C3391
K3391
C3967
C3965
C3951
C3969
C3972
C3953
C3934
C3960
C3958
D3933
R3937
R3936
R3938
L3931
R3939
C3936
C3931
CN306
C3299
R3267
R3265
C3298
R3266
TP3261
IC3261
R3282
R3283
R3281
R3270
R3268
R3285
R3271
R3269
C3271
R3262
C3261
R3978
R3264
R3261
R3263
R3287
R3286
R3288
R3289
58
C3272
C3705
L3901
L3932
Q3902
C3906
R3741
R3221
105
IC3262
R3909
R3908
R3907
R3218
C3268
X3701
TP3707
IC3741
R3745
TP3708
C3907
C3908
R3902
C3903
R3219
R3217
R3298
R3216
C3264
C3263
C3267
TP3706
C3706
C3704
C3707
C3912
C3909
IC3901
104
C3208
C3265
R3284
R3273
R3274
Q3261
R3272
R3742
R3746
R3711
R3706
IC3701
R3911
C3902
R3918
C3901
R3741
R3725
23
22
12
TP3704
C3911
CN311
IC3742
C3253
R3726
TP3703
D3901
C3207
R3750
R3751
R3718
C3709
R3248
L3902
C3913
TP3710
D3708
EF3911
R3206
R3207
R3254
R3744
R3743
R3719
R3736
33
R3732
C3703
R3917
EF3910
EF3909
R3211
X3202
IC3743
R3724
R3723
34
44
R3713
EF3906
EF3907
EF3903
R3212
R3213
R3214
R3215
R3249
R3747
R3714
R3715
EF3904
EF3905
EF3902
16
C3743
R3712
R3701
IC3702
EF3901
C3206
53
10
C3708
C3702
Q3701
R3704
52
TP3201
TP3202
K3701
TP3701
TP3702
CN310
R3256
CN309
CN308
R3255
IC3206
C3215
C3701
JiG
9
10
11
12
13
14
15
16

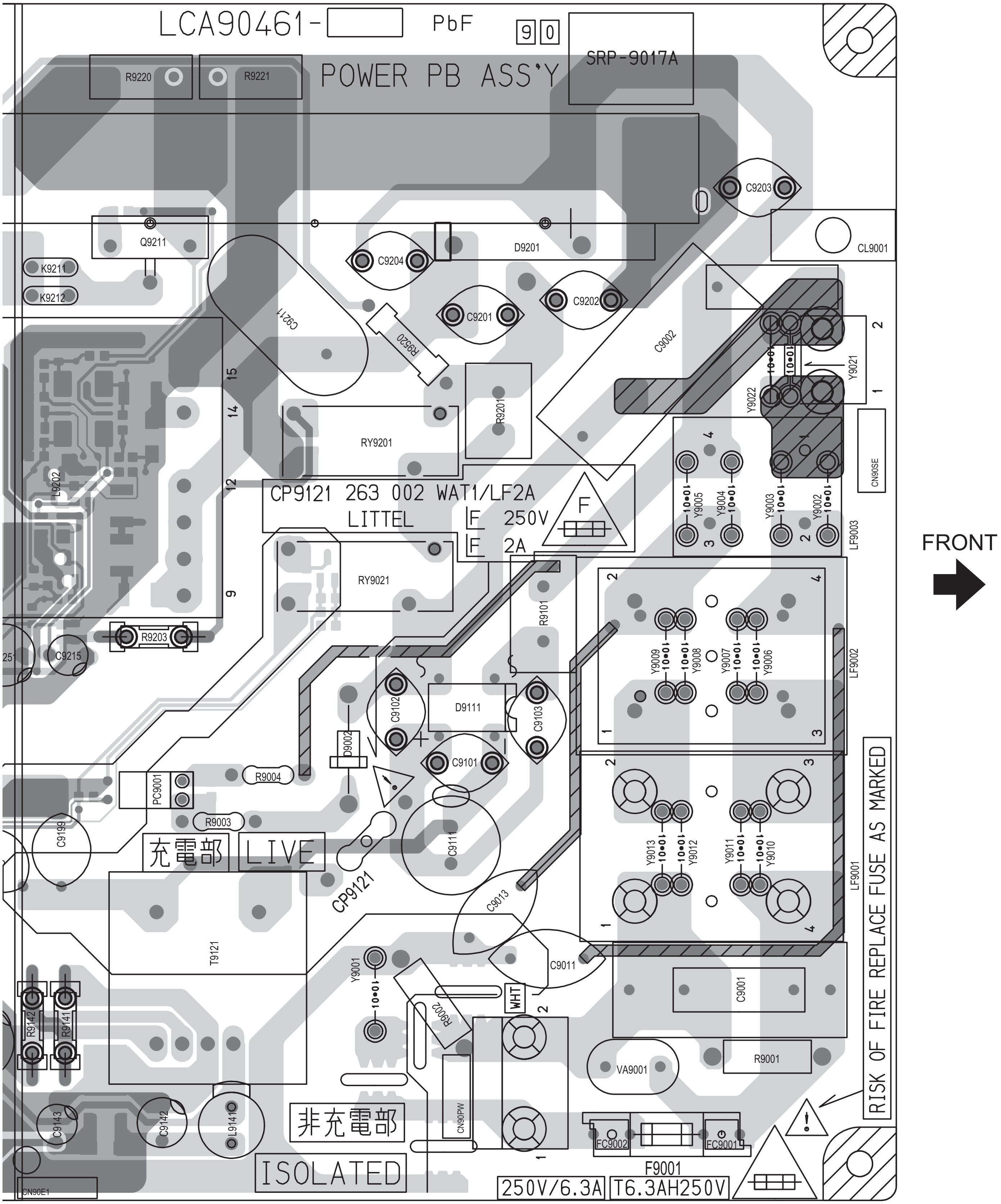
POWER PWB PATTERN [SOLDER SIDE]


POWER PWB
LCB90461 -001B
UL MARK
A
FRONT
R9221
R9220
Y9201
Q9211
K9211
K9212
C9203
H9211
CN90SE
CL9001
D9201
C9204
C9202
C9201
C9211
R9520
C9002
Y9022
Y9021
2
1
L9202
R9215
D9213
C9214
C9212
R9219
C9214
C9213
R9216
IC9211
C9220
R9218
R9229
D9254
R9217
R9256
C9252
R9255
Q9252
R9213
R9254
Q9218
R9212
D9253
Q9251
R9252
R9211
R9251
RY9201
D9202
R9201
15
14
12
11
10
RY9021
Q9021
D9021
R9022
C9021
R9021
Y9002
Y9003
Y9004
Y9005
LF9003
R9101
R9203
R9253
D9251
C9251
D9252
C9215
Y9007
Y9006
Y9009
Y9008
LF9002
C9103
D9111
C9102
C9101
C9111
CP9121
D9002
R9004
R9006
D9001
R9003
PC9001
R9148
C9199
Y9011
Y9010
Y9013
Y9012
K9111
1
5
LF9001
C9001
C9013
C9011
R9002
Y9001
T9121
R9141
R9142
9
8
7
6
IC9141
R9001
VA9001
2
1
L9141
C9142
C9143
D9141
F9001
CN90PW
CN90E1

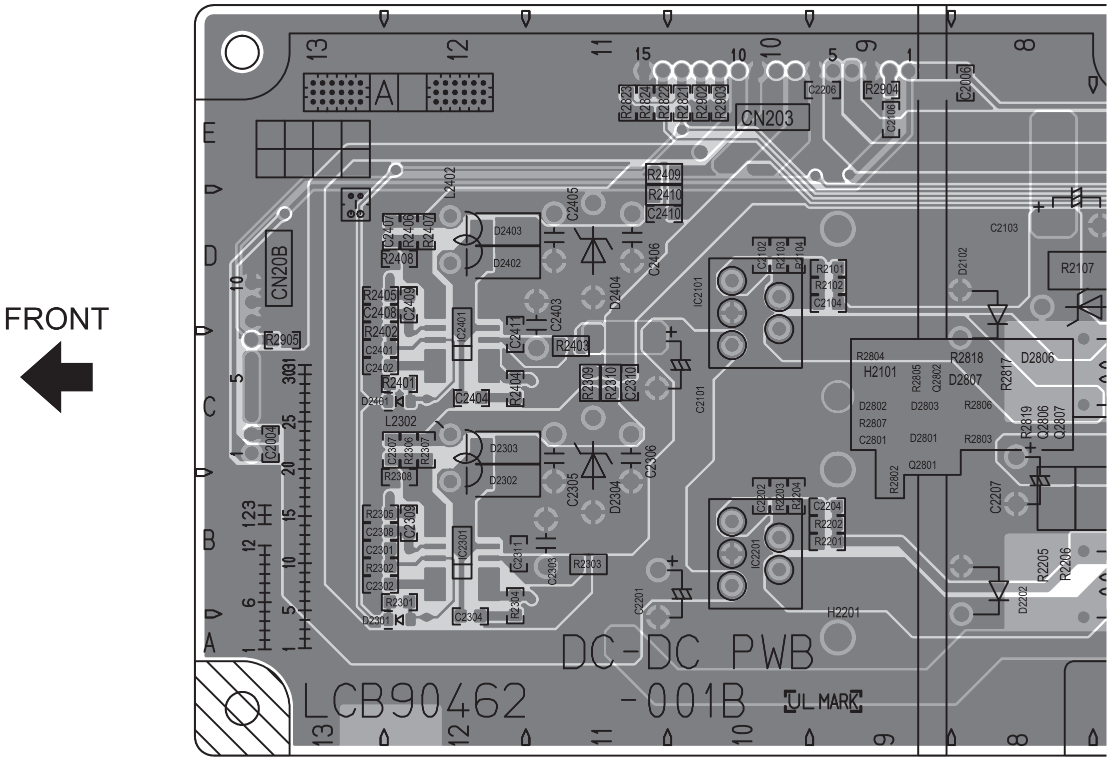

LIVE
充電部
ISOLATED
非充電部
T9501
PC9501
IC9301
IC9501
CN90BL
CN90G
CN90DU
CN90DD
CN90B
CN90AA
CP9211
CP9555
CP9554
CP9556
CP9557
D9211
D9501
D9502
D9503
D9504
D9505
D9506
D9507
D9510
D9511
D9512
D9514
D9515
D9516
D9551
D9552
D9553
D9554
D9555
D9556
D9557
D9701
D9301
H9501
H9553
K9501
K9502
K9551
K9552
K9553
K9554
K9555
K9556
K9557
L9551
L9552
L9553
C9216
C9217
C9218
C9219
C9301
C9302
C9303
C9501
C9503
C9504
C9505
C9506
C9507
C9508
C9509
C9510
C9511
C9512
C9551
C9552
C9553
C9554
C9555
C9556
C9558
C9559
C9560
C9561
C9562
C9563
C9564
C9565
C9566
C9567
C9568
C9569
C9198
C9281
C9241
C9141
C9701
C9702
C9703
C9851
R9222
R9223
R9224
R9225
R9226
R9227
R9233
R9236
R9237
R9228
R9244
R9301
R9501
R9502
R9503
R9504
R9505
R9506
R9507
R9508
R9510
R9511
R9512
R9513
R9514
R9515
R9516
R9517
R9518
R9519
R9551
R9552
R9553
R9555
R9556
R9557
R9558
R9559
R9561
R9562
R9554
R9701
R9702
R9703
R9704
R9705
R9706
R9707
R9708
R9802
R9803
R9804
R9991
R9241
R9242
R9243
R9245
R9291
R9292
R9283
R9284
R9285
R9286
R9287
R9288
R9289
R9290
Q9212
Q9215
Q9253
Q9254
Q9255
Q9241
Q9284
Q9283
Q9281
PC9281
PC9241
D9214
D9282
D9281

POWER PWB PATTERN [PARTS SIDE]

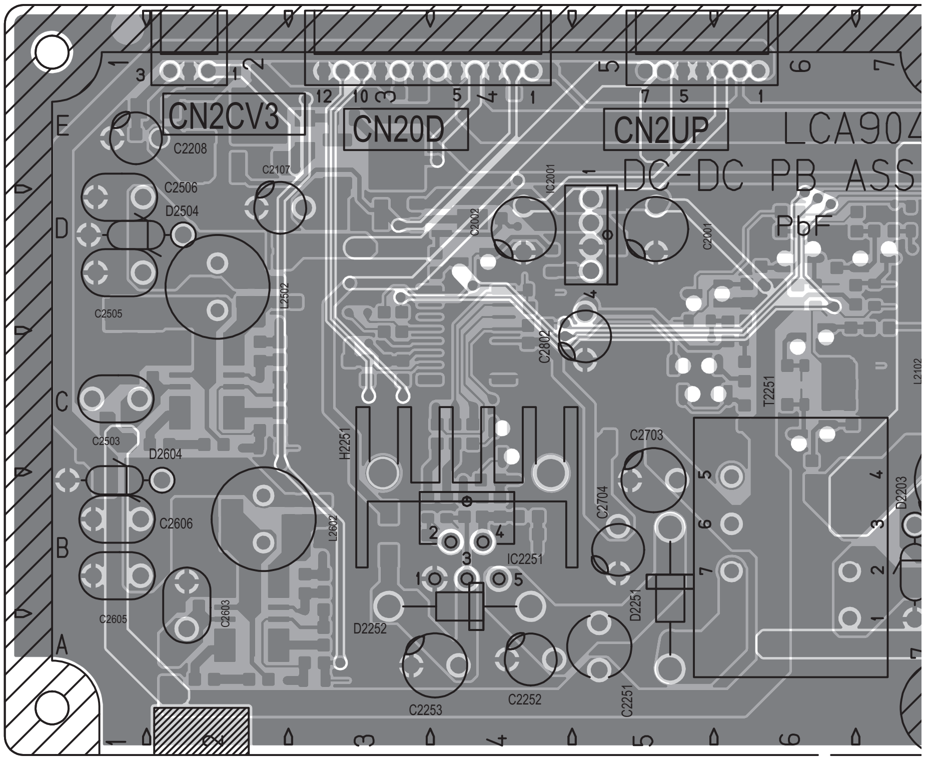

CN90BL
1
3
H9501
D9514
D9505
C9301
IC9501
H9211
C9506
R9511
R9512
C9219
D9211
K9502
R9513
C9508
C9504
C9217
K9501
C9510
R9502
CAUTION! FOR CONTINUED PROTECTION AGAINST RISK REPLACE ONLY WITH SAME TYPE FUSIBLE RESISTOR (R9506,R9515)
R9505
C9216
D9501
D9502
R9503
R9504
C9501
D9503
R9501
5
6
7
R9515
R9506
7
6
T9501
4
3
2
1
C9511
8
CP9211
263 005 WAT1/LF5A
F
5A
LITTEL
250V
PC9501
C9198
C9251
K95
57
D9701
16
D9557
CP9555
N50
9
10
11
12
13
14
15
CP9554
N50
C9561
PC9241
PC9281
R9991
K9551
C9551
K9552
K9555
K9554
K9556
C9558
D9554
C9559
D9556
N70
D9551
D9552
C9552
R9554
D9555
C9191
C9562
CP9556
N70
CP9557
H9553
C9563
D9553
C9560
C9554
R9553
C9564
R9552
C9556
C9555
L9551
L9552
R9562
C9281
C9141
R9551
L9553
1
5
CN90AA
1
5
10
CN90B
1
5
9
CN90DD
1
3
CN90DU
1
5
7
CN90G

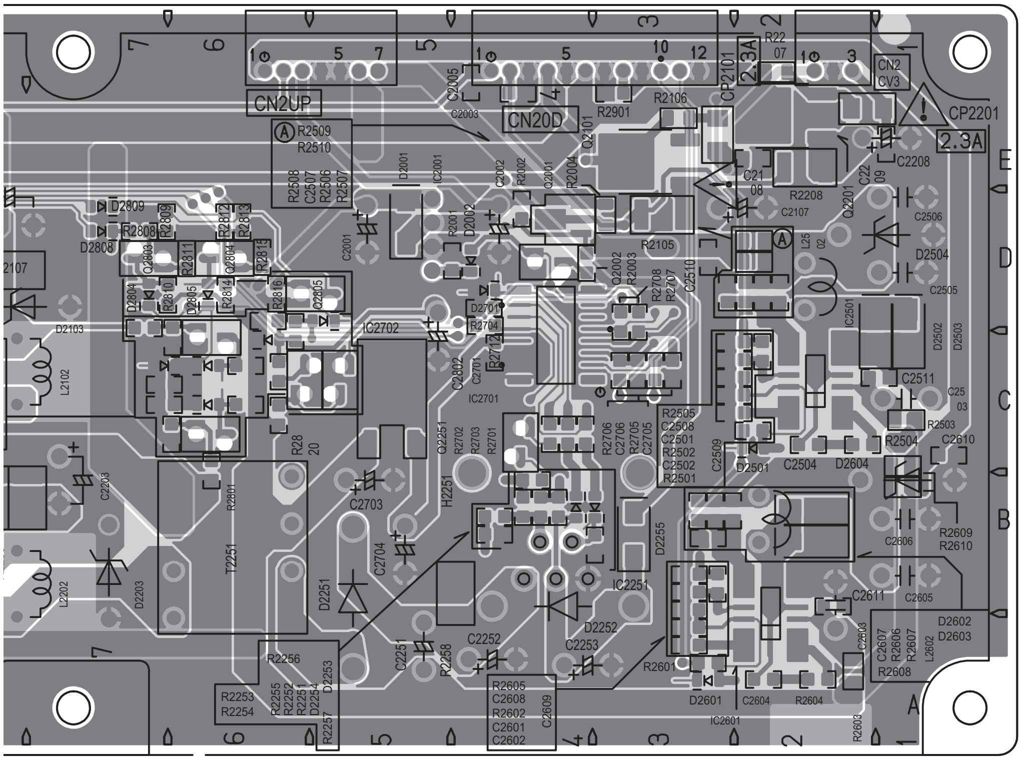

LCA90461-
PbF
9 0
SRP-9017A
POWER PB ASS'Y
R9220
R9221
C9203
Q9211
D9201
CL9001
K9211
K9212
C9204
C9202
C9201
C9211
R9520
C9002
2
1
Y9021
Y9022
15
14
12
9
RY9201
R9201
L9202
CN90SE
4
3
Y9005
Y9004
Y9003
Y9002
2
LF9003
CP9121 263 002 WAT1/LF2A
LITTEL
F 250V
F 2A
F
RY9021
R9101
FRONT
R9203
C9215
Y9009
Y9008
Y9007
Y9006
LF9002
C9102
D9111
C9103
D9002
C9101
R9004
PC9001
R9003
C9199
C9111
充電部
LIVE
CP9121
C9013
Y9013
Y9012
Y9011
Y9010
LF9001
T9121
C9011
Y9001
R9002
WHT
C9001
R9142
R9141
VA9001
R9001
CN90PW
C9143
C9142
L9141
非充電部
ISOLATED
FC9002
FC9001
F9001
250V/6.3A
T6.3AH250V
RISK OF FIRE REPLACE FUSE AS MARKED
CN90E1

REGURATOR PWB PATTERN [SOLDER SIDE]

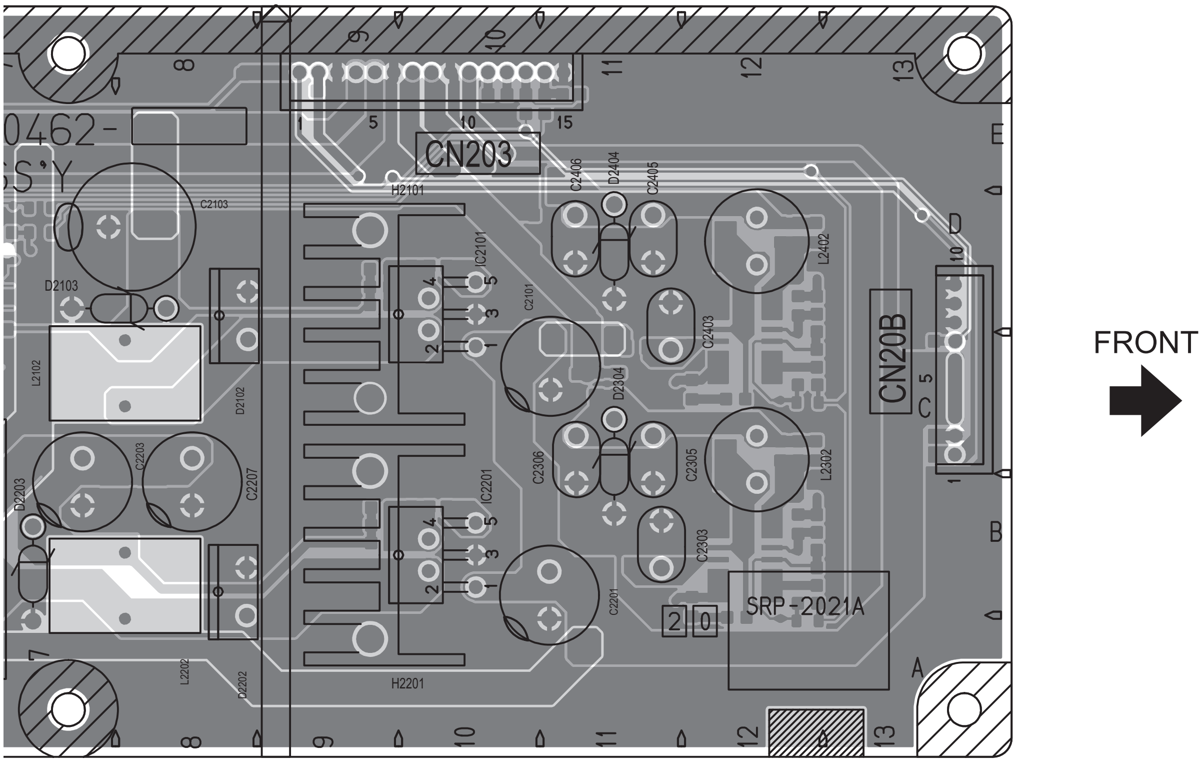

FRONT
DC-DC PWB
LCB90462 -001B
UL MARK
CN203
CN20B
IC2101
IC2201
H2101
H2201
L2402
L2302
D2401
D2402
D2403
D2404
D2301
D2302
D2303
D2304
C2405
C2406
C2305
C2306
C2101
C2201
C2103
C2207
R2107
R2905
C2004
C2006
R2904
C2206
R2409
R2410
C2410
R2403
R2303
D2806
D2807
Q2801
Q2802
D2102
D2202
R2205
R2206
A
B
C
D
E

REGURATOR PWB PATTERN [PARTS SIDE]


CN2CV3
CN20D
CN2UP
LCA904
DC-DC PB ASS
PbF
C2208
C2107
C2506
D2504
C2505
L2502
IC2001
C2002
C2001
C2802
T2251
L2102
H2251
C2703
C2704
C2503
D2604
C2606
L2602
IC2251
D2251
D2203
C2605
C2603
D2252
C2253
C2252
C2251
A
B
C
D
E

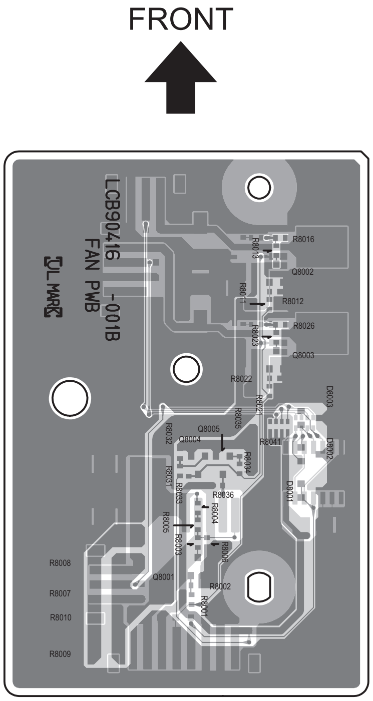


CN2UP
CN20D
CN2CV3
CP2101
CP2201
2.3A
2.3A
R2207
Q2101
Q2002
Q2201
IC2702
IC2701
IC2251
IC2601
T2251
H2251
D2251
D2252
D2253
D2255
D2501
D2504
D2601
D2602
D2603
D2604
D2808
D2809
C2001
C2002
C2003
C2005
C2108
C2107
C2208
C2209
C2504
C2505
C2506
C2511
C2601
C2602
C2604
C2605
C2606
C2608
C2609
C2610
C2611
C2703
C2704
C2802
C2251
C2252
C2253
R2106
R2105
R2208
R2256
R2258
R2253
R2254
R2504
R2509
R2510
R2601
R2604
R2605
R2609
R2610
R2820
R2901
L2102
L2202
A
B
C
D
E
1
2
3
4
5
6
7

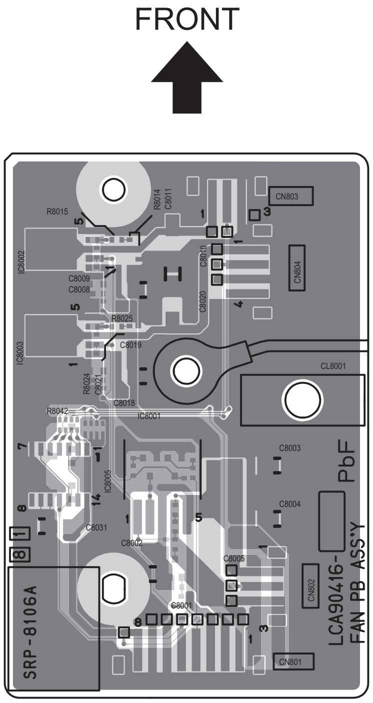


CN203
CN20B
SRP-2021A
H2101
H2201
IC2101
IC2201
C2101
C2103
C2201
C2203
C2207
C2303
C2305
C2306
C2403
C2405
C2406
D2102
D2103
D2202
D2203
D2304
D2404
L2102
L2202
L2302
L2402
0462-
SS'Y
2
0
A
B
C
D
E
7
8
9
10
11
12
13
FRONT

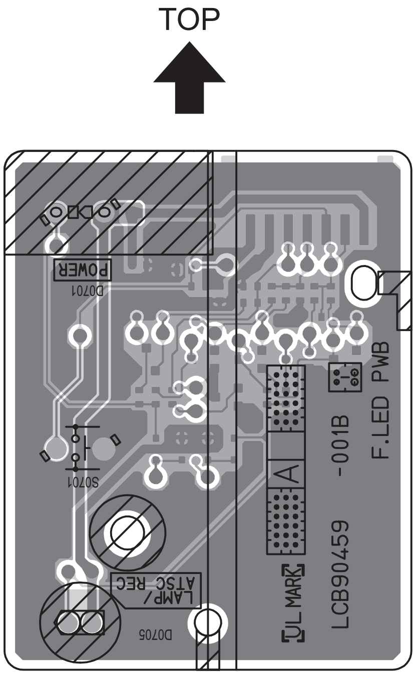
FAN CONTROL PWB PATTERN [SOLD SIDE]


FRONT
LCB90416 -001B
FAN PWB
LMARK
R8016
R8013
Q8002
R8011
R8012
R8026
R8023
Q8003
R8022
R8021
R8035
D8003
Q8005
Q8004
R8032
R8041
R8034
D8002
R8031
R8033
R8036
R8004
D8001
R8005
R8003
R8006
R8008
Q8001
R8002
R8007
R8001
R8010
R8009

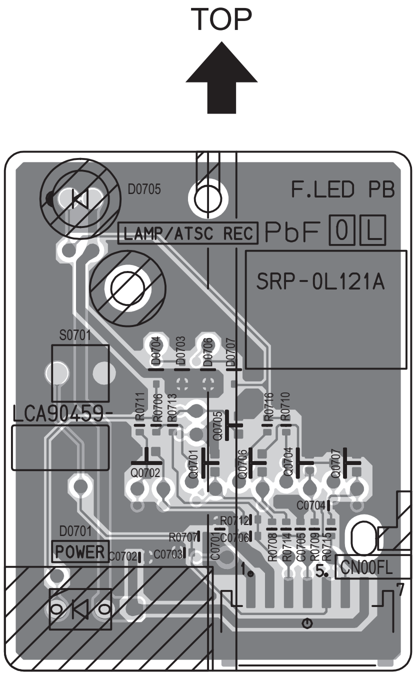
FAN CONTROL PWB PATTERN [PARTS SIDE]


FRONT
R8015
R8014
C8011
CN803
IC8002
C8010
CN804
C8009
C8008
C8020
R8025
C8019
IC8003
R8024
C8021
CL8001
C8018
R8042
IC8001
C8003
PbF
IC8005
C8004
C8031
C8002
C8005
LCA90416-
FAN PB ASS'Y
CN802
C8001
SRP-8106A
CN801
1
3
4
5
7
8
14

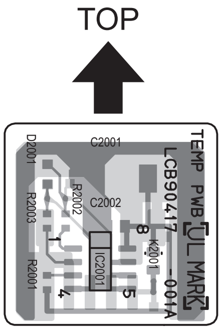
FRONT LED PWB PATTERN [SOLDER SIDE]


TOP
POWER
D0701
F.LED PWB
-001B
A
S0701
LCB90459
LMARK
LAMP/
ATSC REC
D0705

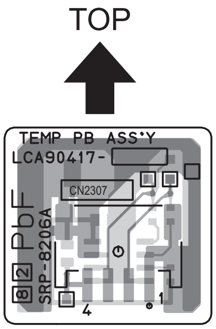
FRONT LED PWB PATTERN [PARTS SIDE]


TOP
D0705
F.LED PB
LAMP/ATSC REC
PbF
0
L
SRP-0L121A
S0701
D0704
D0703
D0706
D0707
R0711
R0706
R0713
R0716
R0710
LCA90459-
Q0705
Q0702
Q0701
Q0706
Q0704
Q0707
C0704
R0712
D0701
R0707
C0701
C0706
R0708
R0714
C0705
R0709
R0715
POWER
C0702
C0703
1
5
CN00FL
7

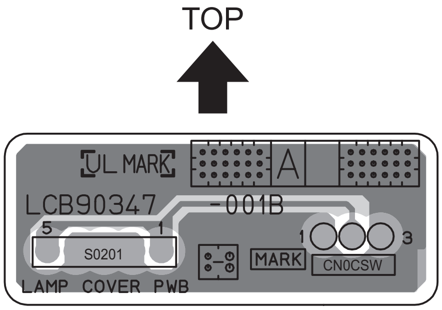
TEMP SENSOR PWB PATTERN [SOLDER SIDE]


TOP
TEMP PWB
LCB90417 -001A
UL MARK
D2001
C2001
R2003
R2002
C2002
IC2001
R2001
K2001
1
8
4
5

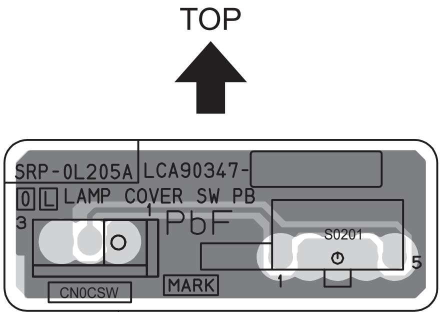
TEMP SENSOR PWB PATTERN [PARTS SIDE]


TOP
TEMP PB ASS'Y
LCA90417-
CN2307
PbF
SRP-8206A
8 2
4
1

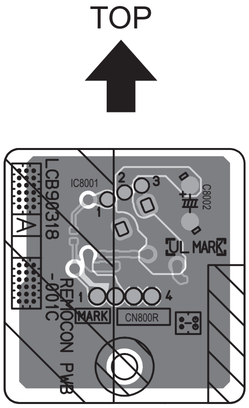
LAMP COVER SW PWB PATTERN [SOLDER SIDE]


TOP
UL MARK
A
LCB90347 -001B
5
1
S0201
1
3
MARK
CN0CSW
LAMP COVER PWB

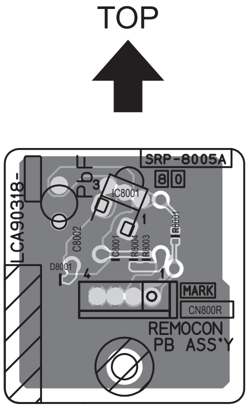
LAMP COVER SW PWB PATTERN [PARTS SIDE]


TOP
SRP-0L205A
LCA90347-
0 L
LAMP COVER SW PB
PbF
3
1
S0201
5
1
CN0CSW
MARK

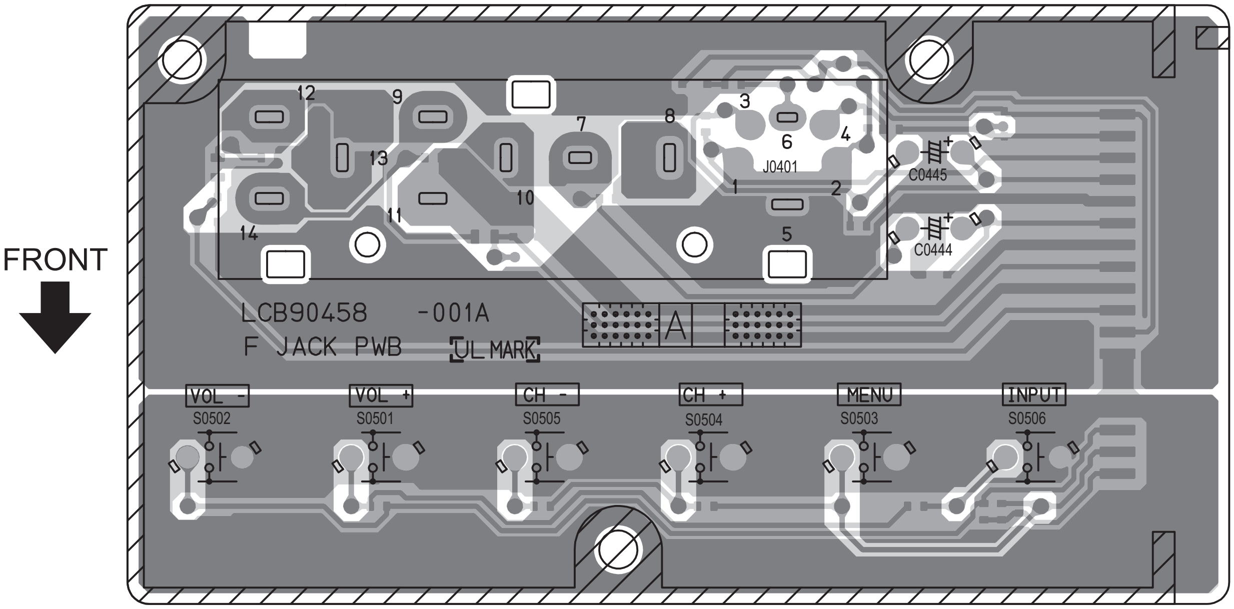
REMOTE SENSOR PWB PATTERN [SOLDER SIDE]


TOP
LCB90318 -001C
A
IC8001
2
3
1
C8002
UL MARK
1
4
MARK
CN800R
REMOCON PWB

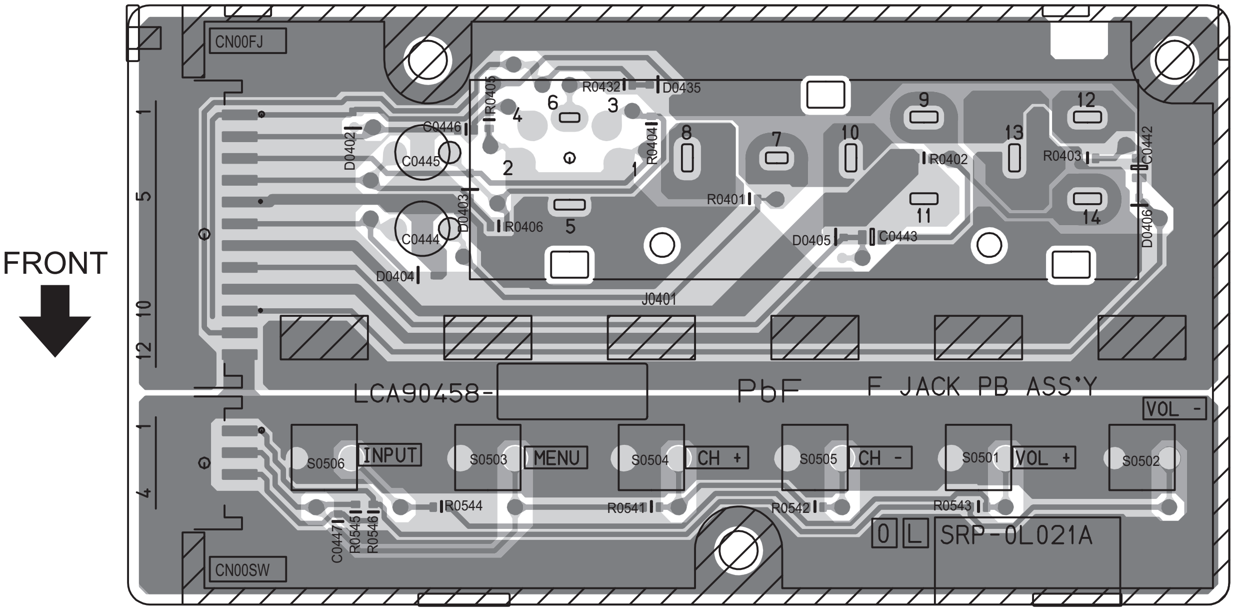
REMOTE SENSOR PWB PATTERN [PARTS SIDE]


TOP
SRP-8005A
8 0
LCA90318-
PbF
3
IC8001
1
C8002
D8001
R8001
R8002
R8003
4
1
MARK
CN800R
REMOCON PB ASS'Y

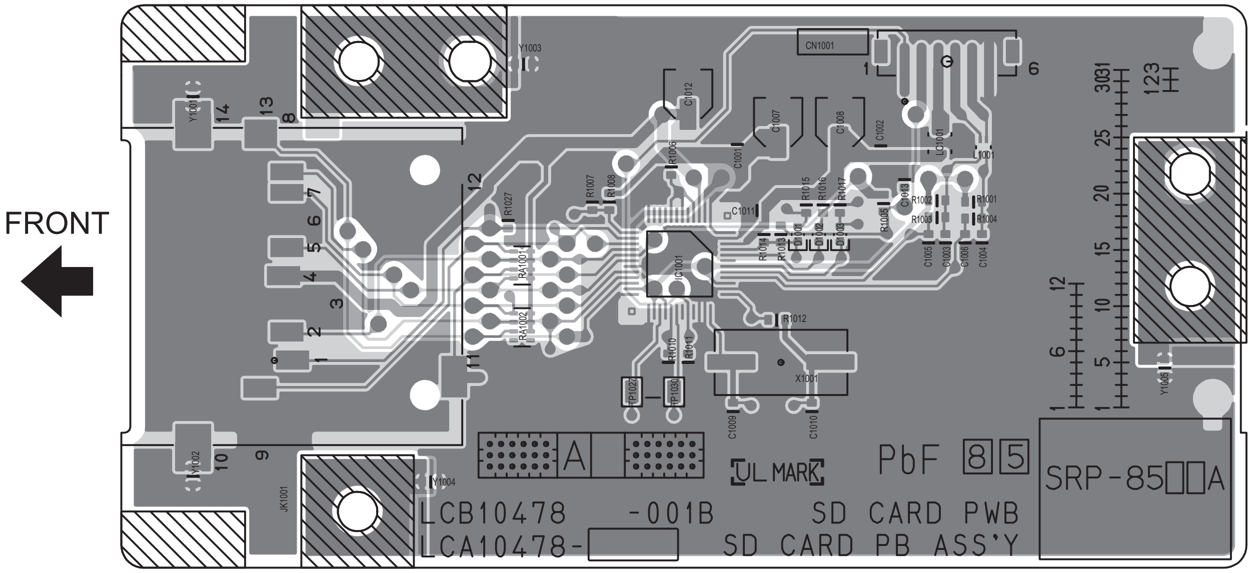
SIDE CONTROL PWB PATTERN [SOLDER SIDE]


FRONT
LCB90458 -001A
F JACK PWB
UL MARK
A
J0401
C0445
C0444
VOL -
VOL +
CH -
CH +
MENU
INPUT
S0502
S0501
S0505
S0504
S0503
S0506

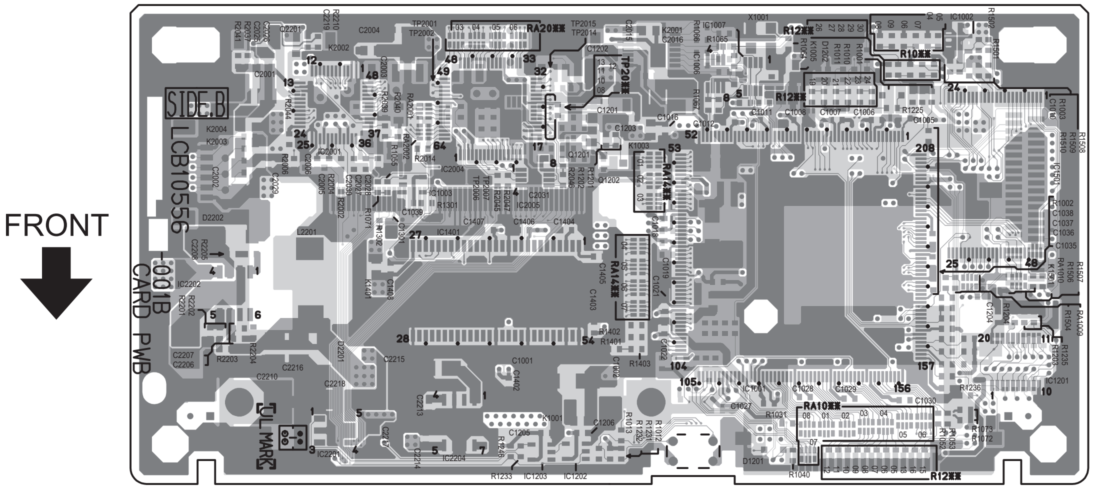
SIDE CONTROL PWB PATTERN [PARTS SIDE]


FRONT
CN00FJ
CN00SW
J0401
R0432
D0435
R0405
C0446
C0445
C0444
D0402
D0403
D0404
R0404
R0406
R0401
R0402
R0403
C0442
D0406
D0405
C0443
LCA90458-
PbF
F JACK PB ASS'Y
S0506
INPUT
S0503
MENU
S0504
CH +
S0505
CH -
S0501
VOL +
S0502
VOL -
R0544
R0541
R0542
R0543
C0447
R0545
R0546
0 L SRP-0L021A

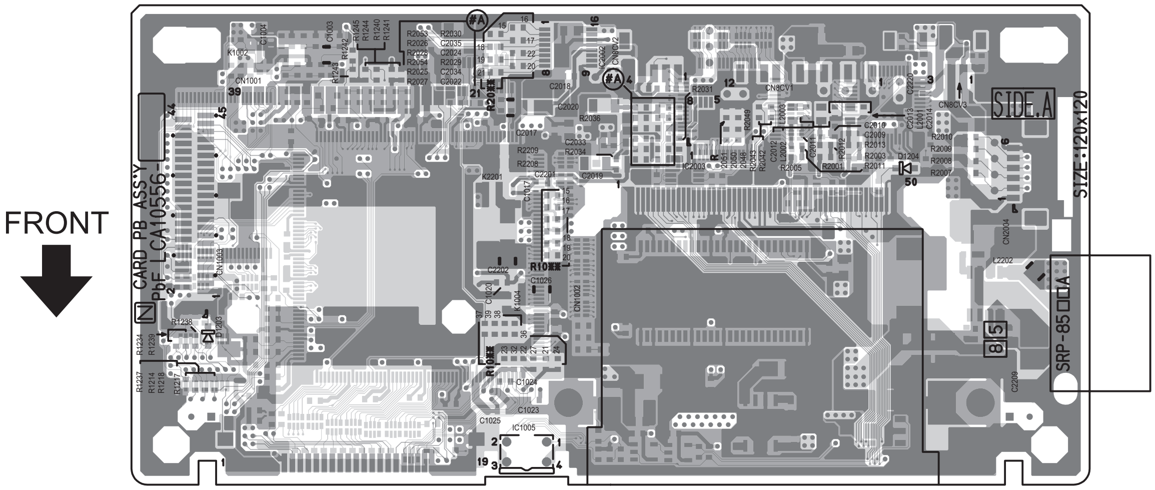
SD CARD PWB PATTERN


FRONT
Y1003
CN1001
3031
123
25
20
15
12
10
6
5
1
Y1001
Y1002
Y1004
Y1005
JK1001
C1012
C1007
C1008
C1002
L1001
C1001
C1011
R1027
R1007
R1008
R1006
R1015
R1016
R1017
R1002
R1003
R1001
R1004
R1005
R1014
R1013
RA1001
RA1002
IC1001
R1012
R1010
R1011
TP1002
TP1003
X1001
C1009
C1010
C1005
C1003
C1006
C1004
A
UL MARK
PbF 8 5
SRP-85□□A
LCB10478 -001B SD CARD PWB
LCA10478- SD CARD PB ASS'Y

CARD VIEWER PWB PATTERN [SOLDER SIDE]


FRONT
SIDE.B
LCB10556 -001B CARD PWB
UL MARK
RA20
RA14
RA10
R12
R10
TP20
IC2202
IC2204
IC1401
IC1003
IC2005
IC1002
IC1007
IC1006
IC1203
IC1202
IC1201
X1001
K2001
K2002
K2003
K2004
K1001
K1003
K1005
D2202
D1201
L2201
C2001
C2004
C2215
C2216
C2218
C1001
C1405
C1406
C1404
R1403
R1401
R1402
R1040
R1233
R1236

CARD VIEWER PWB PATTERN [PARTS SIDE]


FRONT
SIDE.A
SIZE:120x120
CARD PB ASS'Y
PbF LCA10556-
SRP-85□□A
8 5
#A
CN1001
CN2004
CN2002
CN1002
K1002
K2201
R20
R10
IC1005
IC2003
D1204
D1203
C1023
C1024
C1025
C1026
C2202
C2209
R1238
R1234
R1237
R1214
R1216
R2001
R2003
R2005
R2011
R2013
R2209
R2208

VOLTAGE CHARTS

<RECEIVER PWB>

[P2-9～P2-10]

MODE PIN NO.	DC (V)
IC1140	
1	4
2	4
3	4
4	4
5	4.9
6	4.9
7	0
8	3.9
9	3.9
10	4
11	3.8
12	3.2
13	4
14	1.2
15	1.3
16	0
17	0
18	3.2
19	8.8
20	NC
21	4
22	4
23	4
24	3.8
25	4
26	3.9
27	4
28	1.9
29	4
30	4
31	1.8
32	4
33	4
34	4
35	4
36	4
37	4
38	4
39	3.9
40	3.9
41	1.1
42	4
43	4
44	4
45	4
46	4
47	4
48	4
IC1221	
1	NC
2	4.9
3	4.9
4	4.9
5	2.8
6	0
7	4.7
8	0
9	NC
10	0
11	NC
12	NC
13	4.8
14	0
15	0
16	4.8
IC1251	
1	4
2	4
3	4
4	0
5	4
6	4
7	4
8	8.8
IC1252	
1	4
2	3.9
3	4
4	4
5	8.8
6	8.8
7	0
8	4
9	4
10	3.9
11	8
12	8.8
13	8.8
14	0
Q1221	
E	0
C	0
B	0.7
Q1252	
E	0
C	-2.3
B	0
Q1253	
E	0
C	0
B	-2.3
Q1254	
E	0
C	-2.3
B	0
Q1255	
E	0
C	0
B	-2.3
Q1256	
E	0
C	8.9
B	0
Q1257	
E	0
C	0
B	3.2
Q1291	
S	4.9
G	3.2
D	4.8
Q1292	
S	4.9
G	3.2
D	4.8
TU1001	
1	1.6
2	10.7
3	4.8
4	5
5	2
6	NC
7	4.8
8	4.8
9	30.6
10	NC
11	NC
12	NC
13	4.8
14	1.6
15	0
16	2.1
17	1.6
18	2.4
19	2.2
20	0
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC

[P2-11～P2-12]

MODE PIN NO.	DC (V)
IC1621	
1	-13.5
2	0
3	0
4	-13.7
5	0
6	0
7	-13.7
8	12.9
IC1641	
1	4.4
2	0
3	0
4	4.4
5	4.4
6	4.4
7	0
8	0
9	0
10	4.7
11	0
12	8.9
13	4.4
14	4.4
15	4.4
16	4.4
17	4.4
18	4.4
19	4.4
20	4.4
IC1661	
1	-13.5
2	-0.1
3	-13.7
4	-13.7
5	13.6
6	8.9
7	1.7
8	-13.7
9	-0.6
10	-13.7
11	1.7
12	8.9
13	13.6
14	-13.7
15	-3.1
16	-0.1
17	-13.5
IC1701	
1	4.5
2	4.5
3	4.5
4	0
5	0
6	4.5
7	4.5
8	4.5
9	4.5
10	4.5
11	4.5
12	0
13	9
14	4.5
15	4.5
16	0
17	0
18	4.5
19	4.5
20	4.5
21	4.5
22	4.5
23	4.5
24	4.5
IC1702	
1	4.8
2	4.8
3	4.8
4	0
5	4.5
6	4.5
7	4.8
8	8.6
Q1661	
E	13.6
C	13.5
B	0
Q1662	
E	-13.7
C	-13.7
B	-13
Q1663	
E	0
C	0
B	1.8
Q1672	
E	0
C	12
B	0
Q1673	
E	8.7
C	0
B	9.1
Q1701	
E	2.1
C	9
B	4.8
Q1702	
E	0
C	0
B	0

<ANALOG SIGNAL PWB>

[P2-15～P2-16]

MODE PIN NO.	DC (V)
IC501	
1	4
2	4.5
3	4
4	4.5
5	4.4
6	0.1
7	4.9
8	4.1
9	4.4
10	4.1
11	4.4
12	4.4
13	6.8
14	0
15	4.3
16	4.4
17	4.3
18	4.4
19	4.4
20	6.7
21	0
22	3.8
23	4.4
24	4
25	4.5
26	4.4
27	6.7
28	0
29	4.4
30	4
31	4.5
32	9
33	4.8
34	4.8
35	0
36	0
37	4.4
38	4.4
39	3.7
40	4.4
41	4.4
42	9
43	4.5
44	4.3
45	4.5
46	3.7
47	0
48	0
49	4.9
50	4.4
51	0
52	4.5
53	4.4
54	4.5
55	3.7
56	4
57	0
58	4.2
59	4.4
60	4
61	4.4
62	4.4
63	4.4
64	4.4
IC502	
1	2.2
2	2.1
3	9.2
4	2.3
5	0
6	9.2
IC503	
1	3.6
2	3.8
3	9.2
4	3
5	0
6	9.2
IC504	
1	2.2
2	2.1
3	9.2
4	2.3
5	0
6	9.2
Q507	
E	2.8
C	0
B	2.2
Q508	
E	3.1
C	0
B	2.6
Q509	
E	2.5
C	0
B	1.9

[P2-17～P2-18]

MODE PIN NO.	DC (V)
IC801	
1	2.3
2	2
3	1.5
4	0.1
5	2.2
6	4.8
7	2.4
8	0
9	0.3
10	0.8
11	2.3
12	4.8
13	4.8
14	4.8
15	0
16	0
17	0
18	0
19	0
20	2.3
21	1.5
22	1.7
23	1.7
24	0
25	2.4
26	2.4
27	2.4
28	0
29	0
30	0
31	0
32	4.8
33	2.4
34	2.4
35	2.4
36	0.5
37	4.8
38	3.8
39	1.6
40	3.2
41	2.2
42	4.4
43	1.6
44	2.2
45	4.8
46	1.8
47	3.6
48	1.7
IC802	
1	1.3
2	3
3	4.8
4	2.4
5	0
6	1.8
7	2.2
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.9
16	4.8
17	0
18	0
19	2.4
20	4.8
21	0
22	2.6
23	2.6
24	3.3
25	3.3
26	0
27	3.5
28	1.6
IC803	
1	9
2	0
3	5
Q402	
S	3
G	3.1
D	4.9
Q403	
S	2.9
G	3.1
D	4.8
Q404	
S	3
G	3.2
D	4.8
Q405	
S	3
G	3.2
D	4.9
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.6
C	0
B	2
Q810	
E	2
C	0
B	1.4
Q851	
E	1.6
C	0
B	1
Q853	
E	2
C	8.9
B	2.6
Q854	
E	2.6
C	8.9
B	3.3
Q855	
E	1.9
C	0
B	1.3
Q858	
E	2.9
C	9
B	3.5
Q859	
E	3.5
C	0
B	2.9
Q862	
E	0.9
C	3.9
B	1.5
Q863	
E	3.2
C	4.8
B	3.9

[P2-19～P2-20]

MODE PIN NO.	DC (V)
IC201	
1	0.3
2	0.1
3	0
4	0
5	0
6	0
7	6.2
8	0
9	4.8
10	0
11	8.8
12	1.3
13	0
14	0
15	0
16	0
17	0
18	0
19	0.5
20	0
21	4.9
22	4.9
23	0
24	2.1
25	1.2
26	2.1
27	0
28	2.4
29	0.1
30	0.5
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	0
IC301	
1	4.8
2	4.9
3	4.9
4	0
5	4.7
6	0
7	4.6
8	4.7
9	4.7
10	0.4
11	4.5
12	4.4
13	0
14	4.6
15	0
16	4.7
17	4.7
18	4.7
19	0
20	4.5
21	4.4
22	0
23	4.4
24	4.5
25	0
26	4.4
27	4.4
28	0
29	0
30	4.4
31	9
32	4.5
33	4.5
34	0
35	4.5
36	4.5
37	0
38	4.5
39	4.5
40	4.5
41	4.5
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.7
49	0
50	4.7
51	0
52	4.7
53	0
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.7
60	0
61	4.7
62	0.4
63	4.4
64	4.5
65	0
66	4.6
67	4.7
68	4.6
69	0
70	4.4
71	4.3
72	0
73	4.8
74	4.7
75	4.6
76	4.6
77	0
78	4.4
79	4.5
80	0
Q301	
E	0
C	2.9
B	4.5
Q302	
E	0
C	2.9
B	4.5
Q303	
E	0
C	2.9
B	4.5
Q304	
E	0
C	2.9
B	4.5
Q305	
E	0
C	2.9
B	4.5
Q306	
E	0
C	2.9
B	4.5
Q307	
E	2.9
C	0
B	2.3

[P2-23～P2-24]

MODE PIN NO.	DC (V)
IC902	
1	4.7
2	3.3
3	
Q901	
E	9.7
C	9
B	9

<DIGITAL SIGNAL PWB>

[P2-25～26]

MODE PIN NO.	DC (V)
IC1502	
1	4.4
2	0
3	3.7
4	0
5	0
6	9
7	3.7
8	0

[P2-27～P2-28]

MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	2
3	0
4	3.1
5	3.3
Q0101	
E	3.8
C	7.7
B	4.5
Q0102	
E	8.5
C	4.6
B	7.7
Q0104	
E	5.3
C	0
B	4.6
Q0107	
E	1.5
C	0
B	0.9
Q0108	
E	0.8
C	9
B	1.5
Q0109	
1	1.4
2	0.1
3	1.4
4	1.5
5	0.1
6	1.5
Q0110	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0201	
E	3.7
C	7.7
B	4.5
Q0202	
E	8.5
C	4.9
B	7.7
Q0203	
E	0
C	1.9
B	0
Q0204	
E	5.6
C	0
B	4.9
Q0206	
E	0.2
C	4.9
B	1.9
Q0207	
E	2.5
C	0
B	1.9
Q0208	
E	1.8
C	9
B	2.4
Q0209	
1	2.4
2	0.2
3	2.4
4	2.4
5	0.2
6	2.5
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.2
Q0301	
E	3.7
C	7.7
B	4.5
Q0302	
E	8.5
C	4.9
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	5.7
C	0
B	5
Q0306	
E	0.1
C	4.9
B	1.9
Q0307	
E	2.5
C	0
B	1.9
Q0308	
E	1.8
C	9
B	2.4
Q0309	
1	2.4
2	0.1
3	2.4
4	2.5
5	0.1
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0311	
E	0
C	1.9
B	0

[P2-29～P2-30]

MODE PIN NO.	DC (V)
IC1001	
1	2.5
2	1.3
3	1.3
4	0
5	3.3
6	1.7
7	1.6
8	0
9	0
10	1.5
11	0
12	0
13	0
14	0
15	0
16	0
17	1.5
18	0
19	0
20	0
21	1.5
22	0
23	0
24	3.3
25	0
26	0
27	0
28	0
29	0
30	3.3
31	3.3
32	3.3
33	0
34	0
35	0
36	1.4
37	0
38	0
39	0
40	0
41	0
42	3.3
43	0.9
44	0.9
45	0
46	1
47	1.8
48	0.9
49	1
50	0
51	1.6
52	0
53	2.5
54	1.3
55	1.3
56	0
57	0
58	1.5
59	1.5
60	0
61	0
62	0
63	0.9
64	3.3
65	1
66	1
67	0
68	0.9
69	0.9
70	1.5
71	0.9
72	0.9
73	0
74	2.3
75	0.2
76	0
77	1.7
78	1.5
79	0
80	1
81	0.9
82	1.7
83	1.2
84	0
85	1.1
86	2.4
87	0.7
88	0.8
89	1.7
90	1.2
91	2.4
92	1.2
93	0
94	1.2
95	0.7
96	2.8
97	1.9
98	0
99	1.1
100	1.5
IC1002	
1	3.3
2	0
3	3.3
4	1.2
5	2.4
IC1003	
1	1.3
2	0
3	2.4
4	2.4
Q1001	
E	0
C	3.3
B	0
Q1003	
E	1.2
C	2.4
B	1.9
Q1004	
E	4.2
C	0
B	3.8
Q1101	
E	3.1
C	9
B	3.7
Q1103	
E	1.8
C	0
B	1.2
Q1201	
E	3.7
C	9
B	4.4
Q1203	
E	2
C	0
B	1.3
Q1301	
E	3.9
C	9
B	4.5
Q1303	
E	2.5
C	0
B	2
Q1401	
E	3.9
C	9
B	4.5
Q1403	
E	2.6
C	0
B	2

[P2-33～P2-34]

MODE PIN NO.	DC (V)
IC3004	
1	3.2
2	3.2
3	0
4	0
5	3.3
6	0
7	0.1
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	3.3
16	5.1
IC3005	
1	0
2	0
3	0
4	0
5	3.3
IC3006	
1	3.2
2	0.2
3	0.1
4	0
5	0.4
6	0.2
7	3.3
8	3.0
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5

MODE PIN NO.	DC (V)
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.5
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.6
51	0.7
52	0
53	1.8
54	1.3
55	1.1
56	0.2
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.4
66	0
67	2.5
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.5
74	1.2
75	1.2
76	0
77	0
78	1.2
79	205
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	1.1
98	0
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	0
7	0
8	2.5
9	1.2
10	0

MODE PIN NO.	DC (V)
11	0.1
12	0
13	1.2
14	2.5
15	2.5
16	0
17	0
18	1.2
19	0
20	1.2
21	1.2
22	2.4
23	0
24	0.1
25	0
26	1.7
27	0
28	0.1
29	0.7
30	0.7
31	0.7
32	0.5
33	0.6
34	0.7
35	2.5
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0.7
48	0
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	0
55	1.2
56	0.3
57	0.3
58	1.2
59	0
60	1.2
61	1.2
62	0
63	0.2
64	0
65	2.5
66	0
67	2.5
68	1.2
69	1.2
70	0
71	0
72	0.1
73	0.1
74	1.2
75	0
76	0
77	1.2
78	1.2
79	0
80	1.2
81	0.7
82	0
83	0
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	0
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.5
6	2.5

MODE PIN NO.	DC (V)
7	2.5
8	1.2
Q3001	
E	2.2
C	3.3
B	2.9
Q3002	
E	2.9
C	0
B	2.1
Q3003	
E	0.6
C	3.3
B	1.3
Q3004	
E	1.4
C	0
B	0.7

[P2-35～P2-36]

MODE PIN NO.	DC (V)
IC4003	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	3.3
9	0.1
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0.5
22	0.5
23	0.5
24	0
25	0.5
26	0.5
27	0.5
28	0.5
29	0.5
30	3.3
31	0
32	0
IC4004	
1	0
2	0
3	0
4	0
5	3.3
6	3.3
7	0
8	3.3

[P2-37～P2-38]

MODE PIN NO.	DC (V)
IC6502	
1	3.3
2	0
3	0.6
4	0.4
5	0
6	0.5
7	0.5
8	1.1
9	3.3
10	1
11	0.5
12	0.5
13	0
14	0
15	0.7
16	0.6
17	0
18	1
19	0.8
20	0.6
21	0
22	0.7
23	0.6
24	0.1
25	1.7
26	0.1
27	3.3
28	0

MODE PIN NO.	DC (V)
29	0
30	3.3
31	0.6
32	3.3
33	0
34	3.3
35	0
36	0
37	1.2
38	1.3
39	1.2
40	1.2
41	1.2
42	1.3
43	0
44	3.3
45	0
46	1.4
47	1.4
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.7
56	0.6
CN0LV2	
1	0
2	0
3	1.3
4	1.2
5	0
6	0
7	1.3
8	1
9	0.1
10	0
11	1.3
12	1.2
13	0
14	0
15	0
16	1.3
17	0
18	0
19	1.3
20	0
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3
28	0
29	3
30	0
31	0

[P2-41～P2-42]

MODE PIN NO.	DC (V)
IC7601	
1	0
2	0
3	NC
4	NC
5	0
6	2.6
7	3.6
8	0
9	0
10	0
11	0
12	3.3
13	1.8
14	0
15	1
16	3.3
17	2.8
18	NC
19	0
20	3.3
21	3.2
22	3.2
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	3.3
30	3.3
31	NC
32	0

MODE PIN NO.	DC (V)
33	0
34	0
35	3.3
36	3.3
37	0
38	3.3
39	NC
40	NC
41	0
42	NC
43	NC
44	NC
45	NC
46	0
47	3.3
48	3.3
49	0
50	NC
51	NC
52	NC
53	NC
54	NC
55	NC
56	NC
57	NC
58	NC
59	NC
60	NC
61	NC
62	3.1
63	NC
64	3.3
65	NC
66	NC
67	NC
68	NC
69	NC
70	NC
71	NC
72	NC
73	NC
74	NC
75	NC
76	NC
77	NC
78	NC
79	NC
80	NC
81	NC
82	NC
83	NC
84	0
85	0
86	0.2
87	3.3
88	3.2
89	0
90	0
91	0
92	NC
93	3.3
94	0.4
95	0
96	0
97	4.2
98	0
99	4.8
100	4.8
IC7602	
1	0
2	0
3	0
4	0
5	3.3
6	3.2
7	0
8	3.3
IC7603	
1	NC
2	0
3	0
4	0
5	3.3
IC7607	
1	NC
2	4.2
3	4.8
4	4.7
5	0
6	4.8
IC7608	
1	NC
2	4.8
3	4.8
4	8.3
5	0
6	4.8

MODE PIN NO.	DC (V)
IC7609	
1	3.3
2	3.3
3	0
4	5
5	5

[P2-43～P2-44]

MODE PIN NO.	DC (V)
IC7001	
1	3.3
2	0
3	3.3
4	0
5	0
6	0
7	0
8	3.3
9	3.3
10	0
11	3.3
12	3.3
13	0
14	3.3
15	3.3
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.6
24	1.4
25	3.3
26	0
27	0
28	0
29	0
30	0
31	0
32	3.3
33	0
34	3.3
35	0.5
36	3.3
37	0
38	0
39	0.3
40	0.2
41	0
42	0
43	0
44	0
45	0
46	0.4
47	0.4
48	3.3
49	0
50	2.6
51	3.3
52	3.3
53	0.5
54	3.3
55	3.9
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	3.3
63	1.7
64	0
65	0
66	3.3
67	3.3
68	3.3
69	3.3
70	3.3
71	3.3
72	0
73	3.3
74	3.3
75	3.3
76	3.3
77	3.3
78	0
79	3.2
80	0
81	3.3
82	3.3
83	0
84	3.3
85	3.3
86	3.3

MODE PIN NO.	DC (V)
87	3.3
88	0
89	0
90	3.3
91	0
92	0
93	3.3
94	0
95	3.3
96	3.2
97	0
98	0
99	3.3
100	3.3
IC7002	0
1	0
2	0
3	0
4	0
5	3
6	3.1
7	0
8	3.3
IC7003	
1	3.2
2	3
3	3.2
4	0
5	3.2
6	3.2
7	3.2
8	3.2
IC7401	
1	3.3
2	3.3
3	0
4	0
Q7206	
E	0
C	2.5
B	0.6
Q7207	
E	3.2
C	3.2
B	0

[P2-45～P2-46]

MODE PIN NO.	DC (V)
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.1
7	4.8
8	0
Q7501	
E	2.7
C	0
B	2.1
Q7508	
E	0
C	0
B	0

<POWER PWB>

[P2-61～P2-62]

MODE PIN NO.	DC (V)
1C9141	
1	5.6
2	0
3	4.7
IC9211	
1	1.8
2	2.4
3	0.9
4	0
5	2.2
6	0
7	8.9
8	13.7
IC9213	
1	0
2	0
3	13.7
4	0
5	6.9
6	0
Q9211	
S	0
D	110
G	9
Q9301	
E	15.9
C	20.4
B	0
Q9212	
E	0
C	6.8
B	0
Q9213	
1	0
2	0
3	18
4	13.7
5	17.2
6	0
Q9215	
E	0
C	0
B	0.5
Q9251	
E	0
C	17.5
B	
Q9252	
E	0
C	17
B	2.2
PC9001	
1	47.4
2	47.1
3	0
4	2.8

[P2-63～P2-64]

MODE PIN NO.	DC (V)
IC9501	
1	46.3
2	NC
3	0
4	14.4
5	0
6	1.1
7	0.4
PC9501	
1	13.5
2	0
3	1.1
4	12.2

<REGULATOR PWB>

[P2-65～P2-66]

MODE PIN NO.	DC (V)
IC2001	
1	13.5
2	11.8
3	0
4	0
IC2101	
1	13.5
2	8.8
3	0
4	0
5	0
IC2201	
1	13.5
2	4.8
3	0
4	0
5	0

MODE PIN NO.	DC (V)
IC2301	
1	0
2	13.4
3	3.4
4	0
5	0
6	1.3
7	4.7
8	0
IC2401	
1	7.6
2	13.5
3	2.7
4	0
5	1.2
6	1.4
7	4.5
8	0
IC2701	
1	0
2	4.9
3	4.9
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	5
14	0
15	0
16	0
IC2702	
1	13.5
2	0
3	5
Q2801	
E	0
C	13.5
B	1.8
Q2802	
E	0
C	13.5
B	8.8
Q2803	
E	0
C	0.6
B	0
Q2804	
E	0
C	0.6
B	0
Q2805	
E	13.5
C	0.4
B	13.4
Q2806	
E	0
C	13.4
B	0
Q2807	
E	0
C	0
B	4.7

<FAN CONTROL PWB>

[P2-67～P2-68]

MODE PIN NO.	DC (V)
IC8001	
1	3.4
2	0
3	0
4	12.8
5	11.8
IC8002	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8003	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8005	
1	0
2	0
3	0
4	0
5	0
6	0

MODE PIN NO.	DC (V)
7	0
8	0
9	0
10	0
11	3.2
12	0
13	0
14	12.8
Q8001	
E	0
C	3.4
B	3.6
Q8002	
E	0
C	3.4
B	3.6
Q8003	
E	0
C	3.4
B	3.6
Q8004	
E	0
C	2.9
B	0
Q8005	
E	0
C	0
B	0.5

<TEMP SENSOR PWB>

[P2-69]

MODE PIN NO.	DC (V)
IC2001	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	5

<FRONT LED PWB>

[P2-73～P2-74]

MODE PIN NO.	DC (V)
Q0701	
E	0
C	4.8
B	2.8
Q0702	
E	0
C	4.8
B	2.6
Q0704	
E	0
C	4.8
B	2.6
Q0705	
E	0
C	0
B	2.6
Q0706	
E	0
C	4.8
B	2.8
Q0707	
E	0
C	0
B	2.8

<REMOTE SENSOR PWB>

[P2-75]

MODE PIN NO.	DC (V)
IC8001	
1	4.8
2	4.8
3	0

<SD CARD PWB>

[P2-76]

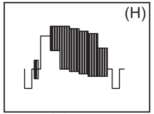
MODE PIN NO.	DC (V)
IC1001	
1	3.5
2	3.3
3	3.5
4	3.5
5	0
6	0
7	0
8	0
9	3.5
10	3.5
11	0
12	0
13	0
14	3.5
15	0
16	3.5
17	3
18	1.7
19	0
20	0
21	3.5
22	3.5
23	3.5
24	0
25	0
26	3.5
27	3.5
28	3.5
29	3.5
30	0
31	0
32	0
33	3.5
34	0
35	0
36	1.6
37	2.1
38	0
39	3.5
40	3.2
41	2.9
42	4.2
43	4.9
44	4.9
45	4.9
46	4.9
47	0
48	3.5

WAVEFORMS

RECEIVER PWB(1/2)

(SHEET1) **P2-9,P2-10**

TU1001-18

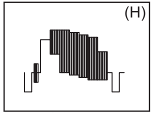


1.8 Vp-p

ANALOG SIGNAL PWB(1/5)

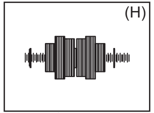
(SHEET4) **P2-15,P2-16**

IC501-44



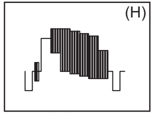
1.8 Vp-p

IC501-47



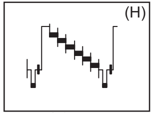
2 Vp-p

IC501-53



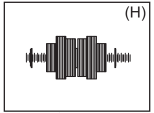
2.3 Vp-p

IC501-56



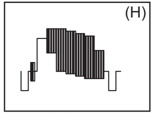
1.8 Vp-p

IC501-58



1 Vp-p

IC501-63

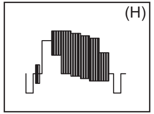


1.8 Vp-p

ANALOG SIGNAL PWB(2/5)

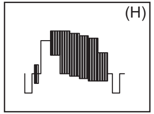
(SHEET5) **P2-17,P2-18**

IC801-1



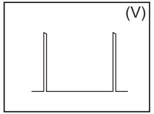
1 Vp-p

IC801-3



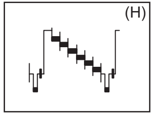
2 Vp-p

IC801-4



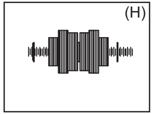
5 Vp-p

IC801-5



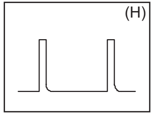
0.8 Vp-p

IC801-7



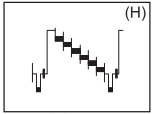
0.4 Vp-p

IC801-9



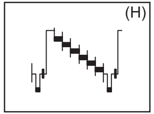
4.2 Vp-p

IC801-11



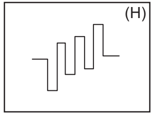
0.8 Vp-p

IC801-21



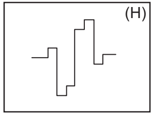
0.6 Vp-p

IC801-22



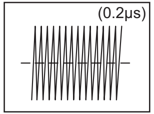
0.6 Vp-p

IC801-23



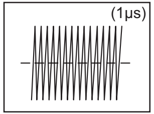
0.6Vp-p

IC801-38



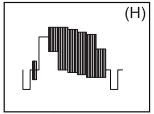
0.3 Vp-p

IC801-46



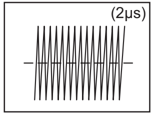
0.8 Vp-p

IC802-7



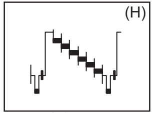
0.4Vp-p

IC802-19



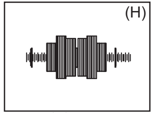
0.4 Vp-p

IC802-25



1.6 Vp-p

IC802-27

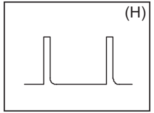


1.1 Vp-p

ANALOG SIGNAL PWB(3/5)

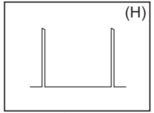
(SHEET6) **P2-19,P2-20**

IC201-1



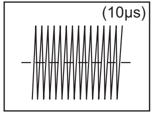
4.5 Vp-p

IC201-2



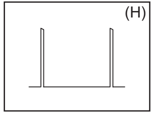
4.8 Vp-p

IC201-9



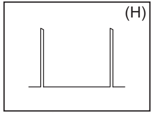
0.2 Vp-p

IC201-19



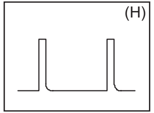
3.2 Vp-p

IC201-26



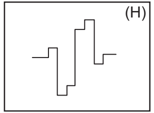
1.0 Vp-p

IC201-29



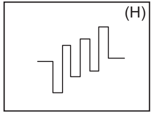
3.0 Vp-p

IC301-35



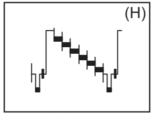
0.9 Vp-p

IC301-36



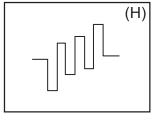
0.9 Vp-p

IC301-38



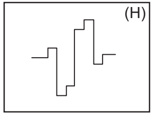
1.2 Vp-p

IC301-43



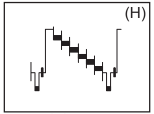
0.8 Vp-p

IC301-44



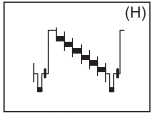
0.6Vp-p

IC301-46



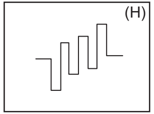
0.8 Vp-p

IC301-74



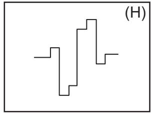
0.8 Vp-p

IC301-75



0.4Vp-p

IC301-76

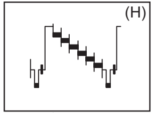


0.4 Vp-p

DIGITAL SIGNAL PWB(1/11)

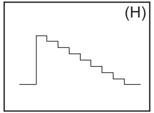
(SHEET9) **P2-25,P2-26**

IC1502-1



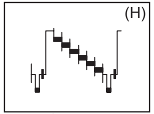
1.7 Vp-p

IC1502-5



0.7 Vp-p

IC1502-7

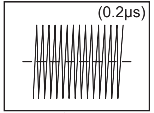


1.5 Vp-p

DIGITAL SIGNAL PWB(3/11)

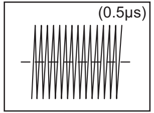
(SHEET11) **P2-29,P2-30**

IC1001-7



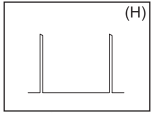
5.2 Vp-p

IC1001-58



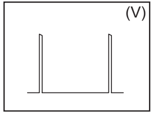
4.8 Vp-p

IC1001-75



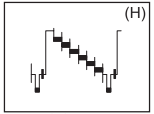
3.4 Vp-p

IC1001-76



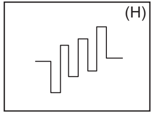
3.4 Vp-p

IC11001-85



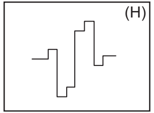
0.6 Vp-p

IC1001-92



0.5 Vp-p

IC3001-94

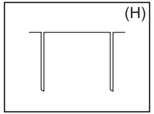


0.5 Vp-p

DIGITAL SIGNAL PWB(7/11)

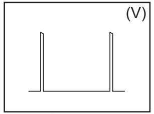
(SHEET15) **P2-37,P2-38**

IC6502-27



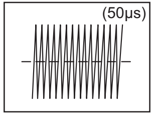
3.5 Vp-p

IC6502-28



3.5 Vp-p

IC6502-31

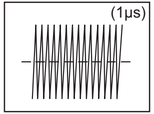


5.0 Vp-p

DIGITAL SIGNAL PWB(10/11)

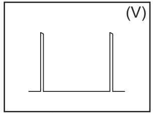
(SHEET18) **P2-43,P2-44**

IC7001-23



2.5Vp-p

IC7001-78



3.5 Vp-p

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

Printed in Japan
VPT